TABLE III a .- Identified phosphopeptides at FDR < 5%.

Data from three independent experiments EXP1-3. EXP2 and 3 correspond to the analysis of two aliquotes of the sample plasma pool

Searches were performed with three different seach engines: SEQUEST, OMSSA and Phenyx. For each engine the identified sequence and score(s) are given.

D, Peptide Prophet D-value

S=x, O=x and P=x , a value of x=1 indicates the sequence was identified with SEQUEST, OMSSA and Phenyx respectively. Otherwise, x=0

Coincidences, number of search engines that match the identified sequence

S=O, S=P and O=P, indicates coincident assignations between pairs of search engines.

Concensus phosphopeptide, sequence unique to one engine or common to 2 or more engines. When outputs from only two engines are available and correspond to conflicting sequences, these sequences were not considered.

Ascore reassigned phosphopeptide . When there was more than one possible phosphorylation site for a sequence, the Ascore algorithm was used to evaluate the best location and the p-site was assigned to the candidate with the highest score

Delta mass, difference between the theoretical Mr of the proposed sequence and the Mr calculated from the spectrum.

z, precursor ion charge

Sequest, Omssa or Phenyx correct assignations, a value of 1 indicates coincidence between the p-site assignation of the search engine and that of Ascore. A value of 0 indicates no coincidence between assignations.

AMINOACID CODES

S[166], T[181], Y[243], monophosphorylated serine, threonine and tyrosine

S[69], T[83], dehydroalanine and dehydroaminobutiryc acid

M[147], methionine sulfoxide

																											p-site 1			p-site 2		
EXP	Spectrum	MS Level	SEQUEST IDENTIFICATION	Xcorr	D	OMSSA IDENTIFICATION	p-value	expectation	PHENYX IDENTIFICATION	z-score		S	O	P	Coincidence	S=O	S=P	O=P	Consensus phosphopeptide	Ascore reassigned phosphopeptide	DeltaMass	z	Ascore	Ascore2	Ascore1 >18	Ascore2 >18	Sequest correct assignations	OMSSA correct assginations	Phenyx corrrecto assignation	Sequest correct assignations	OMSSA correct assginations	Phenyx corrrecto assignation
EXP1	fp_exp1_hap_Fr01.2208	2				HNGPNDAS[166]DGT[83]VR	4.38E-06	4.96E-01			#	0	1	0	1				HNGPNDAS[166]DGT[83]VR	HNGPNDAS[166]DGT[83]VR	-0.4	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr01.3470	2				TS[166]PKTGAPVAT[83]NNQS[69]R	2.24E-06	3.45E-01			#	0	1	0	1				TS[166]PKTGAPVAT[83]NNQS[69]R	TS[166]PKTGAPVAT[83]NNQS[69]R	-0.2	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr02.1419	2							KCVRGLGS[166]EAK	6.66	#	0	0	1	1				KCVRGLGS[166]EAK	KCVRGLGS[166]EAK	-0.5	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr06.1474	2	ETTCSKES[166]NEELTESCETK	3.66	3.68	ETTCSKES[166]NEELTESCETK	7.44E-08	1.80E-02	ETTCS[166]KESNEELTESCETK	8.85	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.5	2	57.5	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_hap_Fr06.1475	3	ETTCSKES[69]NEELTESCETK	4.59	3.78	ETTCSKES[69]NEELTESCETK	8.51E-10	1.97E-04	ETTCS[69]KESNEELTESCETK	10.78	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.3	2	16.0	-	0	-	0	1	0	-	-	-
EXP1	fp_exp1_hap_Fr06.1483	2							KAES[166]ERISLK	6.99	#	0	0	1	1				KAES[166]ERISLK	KAES[166]ERISLK	0.0	2	20.5	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr06.1533	2				RAAGTKGGAAVAGGRPT[181]GAS[69]AR	1.10E-06	2.16E-01			#	0	1	0	1				RAAGTKGGAAVAGGRPT[181]GAS[69]AR	RAAGTKGGAAVAGGRPT[181]GAS[69]AR	-0.9	3	23.8	30.4	1	1	-	1	-	-	1	-
EXP1	fp_exp1_hap_Fr06.1741	2	KEM[147]EIMADS[166]KMK	3.58	3.92				KEMEIMADS[166]KMK	6.65	#	1	0	1	2		X		KEM[147]EIMADS[166]KMK	KEM[147]EIMADS[166]KMK	0.4	2	-	-	-	-	0	-	0	-	-	-
EXP1	fp_exp1_hap_Fr06.1745	2							KEMEIMADS[166]KMK	6.61	#	0	0	1	1				KEMEIMADS[166]KMK	KEMEIMADS[166]KMK	0.3	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr06.1756	2	GGSTSYGTGSETESPRNPSS[166]AGSWNSGSSGPGSTGNR	6.56	3.26	GGSTSYGTGSETESPRNPSS[166]AGSWNSGSSGPGSTGNR	3.17E-12	7.79E-07			#	1	1	0	2	X			GGSTSYGTGSETESPRNPSS[166]AGSWNSGSSGPGSTGNR	GGSTSYGTGSETESPRNPS[166]SAGSWNSGSSGPGSTGNR	-1.8	3	11.2	-	0	-	0	0	-	-	-	-
EXP1	fp_exp1_hap_Fr06.2182	2				HNGPNDAS[166]DGT[83]VR	3.98E-06	4.53E-01			#	0	1	0	1				HNGPNDAS[166]DGT[83]VR	HNGPNDAS[166]DGT[83]VR	1.0	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr06.3394	2							RPS[166]WMVDNKRMR	6.68	#	0	0	1	1				RPS[166]WMVDNKRMR	RPS[166]WMVDNKRMR	-1.5	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr07.1368	2	NGS[166]PYGLQLNEIGLELQMGT[181]R	3.09	4.06						#	1	0	0	1				NGS[166]PYGLQLNEIGLELQMGT[181]R	NGSPY[243]GLQLNEIGLELQMGT[181]R	1.2	3	3.6	15.4	0	0	0	-	-	0	-	-
EXP1	fp_exp1_hap_Fr07.1389	2							RFSY[243]S[166]EAER	8.28	#	0	0	1	1				RFSY[243]S[166]EAER	RFSY[243]S[166]EAER	1.8	2	12.3	9.4	0	0	-	-	1	-	-	1
EXP1	fp_exp1_hap_Fr07.1504	2	ETTCSKES[166]NEELTESCETK	4.73	3.89	ETTCSKES[166]NEELTESCETK	1.11E-06	2.67E-01	ET[181]TCSKESNEELTESCETK	7.97	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.5	2	41.2	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_hap_Fr07.1505	3	ETTCSKES[69]NEELTESCETK	4.93	4.18	ETTCSKES[69]NEELTESCETK	1.28E-10	2.94E-05	ETTCSKES[69]NEELTESCETK	11.39	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.2	2	28.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_hap_Fr07.1541	2				ATEDEGS[166]EQKIPEATNR	1.65E-08	3.16E-03			#	0	1	0	1				ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	-1.4	2	47.1	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr07.1542	3	ATEDEGS[69]EQKIPEATNR	4.21	4.86				ATEDEGS[69]EQKIPEATNR	10.28	#	1	0	1	2		X		ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.3	2	31.7	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_hap_Fr07.1640	3	ETTCS[69]KES[69]NEELTESCETK	4.33	2.88						#	1	0	0	1				ETTCS[69]KES[69]NEELTESCETK	ET[83]TCSKES[69]NEELTESCETK	-1.5	2	0.0	45.2	0	1	0	-	-	1	-	-
EXP1	fp_exp1_hap_Fr07.1696	2							QFTSSTSYNRGDST[181]FESK	7.99	#	0	0	1	1				QFTSSTSYNRGDST[181]FESK	QFTSSTSYNRGDST[181]FESK	-0.3	2	14.0	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr07.1699	2				QFTSSTSYNRGDST[181]FESK	5.57E-07	1.20E-01			#	0	1	0	1				QFTSSTSYNRGDST[181]FESK	QFTSSTSYNRGDST[181]FESK	-1.1	3	0.0	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr07.1996	2							ADS[166]GEGDFLAEGGGVR	10.11	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-0.4	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr07.1997	3							ADS[69]GEGDFLAEGGGVR	7.88	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	-0.2	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr07.3323	2				T[181]SPKTGAPVAT[83]NNQS[69]R	3.09E-06	4.75E-01			#	0	1	0	1				T[181]SPKTGAPVAT[83]NNQS[69]R	T[181]SPKTGAPVAT[83]NNQS[69]R	-0.1	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr08.1441	2							CDS[166]SPDSAEDVRK	6.70	#	0	0	1	1				CDS[166]SPDSAEDVRK	CDSSPDS[166]AEDVRK	-1.5	2	28.7	-	1	-	-	-	0	-	-	-
EXP1	fp_exp1_hap_Fr08.1703	2							HPNSPLDEENLT[181]QENQDR	8.13	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	-0.5	3	59.7	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr08.1708	2							HPNSPLDEENLT[181]QENQDR	10.02	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	-1.7	2	146.0	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr08.2513	2				VTCPPTVTVKDEQS[166]GGGNVSSTLLK	7.38E-08	1.91E-02			#	0	1	0	1				VTCPPTVTVKDEQS[166]GGGNVSSTLLK	VTCPPTVTVKDEQS[166]GGGNVSSTLLK	1.0	3	19.1	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr08.2628	2				VLTLSEDSPY[243]ETLHSFIS[69]NAVAPFFKSYIR	6.16E-07	1.56E-01			#	0	1	0	1				VLTLSEDSPY[243]ETLHSFIS[69]NAVAPFFKSYIR	VLTLSEDSPY[243]ETLHSFIS[69]NAVAPFFKSYIR	-1.5	3	4.0	0.0	0	0	-	1	-	-	1	-
EXP1	fp_exp1_hap_Fr09.1461	2	TCVADES[166]AENCDK	4.37	7.26	TCVADES[166]AENCDK	2.34E-07	3.40E-02			#	1	1	0	2	X			TCVADES[166]AENCDK	TCVADES[166]AENCDK	-0.3	2	109.3	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_hap_Fr09.1528	2							ETTCS[166]KESNEELTESCETKK	6.68	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-0.5	3	8.1	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr09.1584	2	ETT[181]CSKESNEELTESCETK	3.59	4.07	ETTCS[166]KESNEELTESCETK	1.84E-08	4.43E-03			#	1	1	0	2	X			ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	0.0	3	10.6	-	0	-	0	0	-	-	-	-
EXP1	fp_exp1_hap_Fr09.1591	2	ETTCSKES[166]NEELTESCETK	3.90	4.02	ETTCSKES[166]NEELTESCETK	7.45E-08	1.80E-02	ET[181]TCSKESNEELTESCETK	8.51	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.6	2	40.6	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_hap_Fr09.1592	3	ETTCSKES[69]NEELTESCETK	3.70	3.39	ETTCSKES[69]NEELTESCETK	1.82E-06	4.20E-01			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.4	2	20.9	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_hap_Fr09.1629	3	ATEDEGS[69]EQKIPEATNR	3.76	4.40				ATEDEGS[69]EQKIPEATNR	7.23	#	1	0	1	2		X		ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	0.2	2	21.2	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_hap_Fr09.1633	2				ATEDEGS[166]EQKIPEATNR	1.15E-06	2.21E-01			#	0	1	0	1				ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	-1.8	3	11.5	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr09.1916	2							HPNSPLDEENLT[181]QENQDR	7.53	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	-0.1	3	78.9	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr09.2140	2	HTFM[147]GVVSLGSPSGEVS[166]HPR	3.93	4.17				HTFMGVVSLGSPSGEVS[166]HPR	8.26	#	1	0	1	2		X		HTFM[147]GVVSLGSPSGEVS[166]HPR	HTFM[147]GVVSLGSPS[166]GEVSHPR	-0.2	3	18.5	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_hap_Fr09.2141	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	3.83	3.87						#	1	0	0	1				HTFM[147]GVVSLGSPS[69]GEVSHPR	HTFM[147]GVVSLGSPS[69]GEVSHPR	-0.3	3	19.0	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_hap_Fr09.2157	2							ADS[166]GEGDFLAEGGGVR	11.08	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-0.3	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr09.2158	3							ADS[69]GEGDFLAEGGGVR	10.16	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	-0.3	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr09.2209	2							QES[166]QSEEIDCNDKDLFK	6.68	#	0	0	1	1				QES[166]QSEEIDCNDKDLFK	QESQS[166]EEIDCNDKDLFK	-1.3	2	8.2	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_hap_Fr09.2379	2				HNGPNDAS[166]DGT[83]VR	7.59E-07	8.59E-02			#	0	1	0	1				HNGPNDAS[166]DGT[83]VR	HNGPNDAS[166]DGT[83]VR	-0.4	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr10.1685	2	LSTLCPS[166]AVLQR	2.65	5.27						#	1	0	0	1				LSTLCPS[166]AVLQR	LSTLCPS[166]AVLQR	-0.4	3	19.0	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_hap_Fr10.1951	2							ADS[166]GEGDFLAEGGGVR	9.52	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-1.4	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr11.1576	2							NGALSITLAT[181]R	7.26	#	0	0	1	1				NGALSITLAT[181]R	NGALSITLAT[181]R	0.0	2	55.6	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr11.2526	2				LHTTSAFKPSS[166]AIT[181]K	2.78E-06	4.65E-01			#	0	1	0	1				LHTTSAFKPSS[166]AIT[181]K	LHTTS[166]AFKPSSAIT[181]K	-1.2	3	4.6	9.4	0	0	-	0	-	-	1	-
EXP1	fp_exp1_hap_Fr11.3349	2				IT[181]QLKELMQEQVHVLGVGLAVHEK	3.64E-07	9.63E-02			#	0	1	0	1				IT[181]QLKELMQEQVHVLGVGLAVHEK	IT[181]QLKELMQEQVHVLGVGLAVHEK	-0.5	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr12.1420	3	MADEAGS[69]EADHEGTHSTK	3.76	4.42						#	1	0	0	1				MADEAGS[69]EADHEGTHSTK	MADEAGS[69]EADHEGTHSTK	-0.5	2	32.6	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_hap_Fr12.1551	3	KATEDEGS[69]EQKIPEATNR	3.71	3.69	KATEDEGS[69]EQKIPEATNR	5.24E-09	1.03E-03			#	1	1	0	2	X			KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-0.9	3	13.6	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_hap_Fr12.1558	2	ETTCSKES[166]NEELTESCETK	4.14	3.31	ETTCSKES[166]NEELTESCETK	4.86E-07	1.17E-01	ET[181]TCSKESNEELTESCETK	8.84	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.6	2	25.7	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_hap_Fr12.1847	2							HPNSPLDEENLT[181]QENQDR	8.34	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	-2.0	2	89.8	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr12.2054	2							ADS[166]GEGDFLAEGGGVR	9.25	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-0.3	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr12.2055	3							ADS[69]GEGDFLAEGGGVR	9.58	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	-0.3	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr12.3648	2				T[83]HFS[166]T[83]AYELPLLTR	1.53E-06	2.43E-01			#	0	1	0	1				T[83]HFS[166]T[83]AYELPLLTR	T[83]HFS[166]T[83]AYELPLLTR	-1.2	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr13.1589	2				KATEDEGS[166]EQKIPEATNR	2.49E-09	5.19E-04			#	0	1	0	1				KATEDEGS[166]EQKIPEATNR	KATEDEGS[166]EQKIPEATNR	-1.1	3	3.9	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr13.1590	3				KATEDEGS[69]EQKIPEATNR	9.03E-11	1.77E-05	KATEDEGS[69]EQKIPEATNR	7.98	#	0	1	1	2			X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-0.9	3	14.7	-	0	-	-	1	1	-	-	-
EXP1	fp_exp1_hap_Fr13.1612	2	ETTCS[166]KESNEELTESCETK	3.45	5.54						#	1	0	0	1				ETTCS[166]KESNEELTESCETK	ET[181]TCSKESNEELTESCETK	-0.5	2	0.0	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_hap_Fr13.1886	2							HPNSPLDEENLT[181]QENQDR	7.42	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	-0.5	2	100.5	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr13.2098	2							ADS[166]GEGDFLAEGGGVR	9.81	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-1.3	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr13.2099	3							ADS[69]GEGDFLAEGGGVR	11.45	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	-1.1	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr13.2693	2							Y[243]GPLTADGTTAPERK	6.60	#	0	0	1	1				Y[243]GPLTADGTTAPERK	YGPLTADGT[181]TAPERK	-0.8	3	13.9	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_hap_Fr13.2819	2				GKLSAEENPDDSEVPSSS[166]GINS[166]TK	7.31E-07	1.86E-01			#	0	1	0	1				GKLSAEENPDDSEVPSSS[166]GINS[166]TK	GKLSAEENPDDS[166]EVPSSSGINS[166]TK	-1.8	3	16.4	0.0	0	0	-	0	-	-	1	-
EXP1	fp_exp1_hap_Fr14.1307	3				KATEDEGS[69]EQKIPEATNR	3.28E-08	6.41E-03			#	0	1	0	1				KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-1.1	3	2.7	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr14.1813	2							ADS[166]GEGDFLAEGGGVR	10.46	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-1.4	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr14.1814	3							ADS[69]GEGDFLAEGGGVR	9.02	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	-0.2	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr14.2550	2				TS[166]PKTGAPVAT[83]NNQS[69]R	5.13E-07	7.88E-02			#	0	1	0	1				TS[166]PKTGAPVAT[83]NNQS[69]R	TS[166]PKTGAPVAT[83]NNQS[69]R	-0.2	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr3.1414	2	TCVADES[166]AENCDK	5.16	7.18	TCVADES[166]AENCDK	1.26E-10	1.84E-05	T[181]CVADESAENCDK	7.08	#	1	1	1	3	X	X	X	TCVADES[166]AENCDK	TCVADES[166]AENCDK	-0.9	2	121.9	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_hap_Fr3.1415	3	TCVADES[69]AENCDK	3.86	6.40	TCVADES[69]AENCDK	5.21E-11	6.82E-06	TCVADES[69]AENCDK	11.61	#	1	1	1	3	X	X	X	TCVADES[69]AENCDK	TCVADES[69]AENCDK	-0.5	2	133.2	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_hap_Fr3.1463	2	CDSSPDS[166]AEDVR	4.19	5.48				CDSSPDS[166]AEDVR	11.06	#	1	0	1	2		X		CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.7	2	56.3	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.1464	3							CDSSPDS[69]AEDVR	7.51	#	0	0	1	1				CDSSPDS[69]AEDVR	CDSSPDS[69]AEDVR	-0.5	2	28.7	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.1543	2	KATEDEGS[166]EQKIPEATNR	3.08	4.17						#	1	0	0	1				KATEDEGS[166]EQKIPEATNR	KATEDEGS[166]EQKIPEATNR	-0.7	2	14.6	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_hap_Fr3.1544	3	KATEDEGS[69]EQKIPEATNR	4.09	4.47	KATEDEGS[69]EQKIPEATNR	4.46E-06	8.76E-01	KATEDEGS[69]EQKIPEATNR	10.20	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-0.7	2	46.9	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_hap_Fr3.1549	2							ET[181]TCSKESNEELTESCETK	7.16	#	0	0	1	1				ET[181]TCSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.8	2	40.6	-	1	-	-	-	0	-	-	-
EXP1	fp_exp1_hap_Fr3.1550	3	ETTCSKES[69]NEELTESCETK	4.53	3.67	ETTCSKES[69]NEELTESCETK	1.25E-09	2.87E-04	ETTCSKES[69]NEELTESCETK	8.64	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.6	2	28.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_hap_Fr3.1574	2	TCVADES[166]AENCDK	3.34	5.58						#	1	0	0	1				TCVADES[166]AENCDK	TCVADES[166]AENCDK	-1.1	2	74.5	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_hap_Fr3.1835	2	VTEPIS[166]AESGEQVER	4.34	4.78	VTEPIS[166]AESGEQVER	5.49E-11	8.97E-06	VTEPIS[166]AESGEQVER	11.14	#	1	1	1	3	X	X	X	VTEPIS[166]AESGEQVER	VTEPIS[166]AESGEQVER	-0.7	2	60.7	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_hap_Fr3.1836	3				VTEPIS[69]AESGEQVER	3.32E-06	4.94E-01	VTEPIS[69]AESGEQVER	9.29	#	0	1	1	2			X	VTEPIS[69]AESGEQVER	VTEPIS[69]AESGEQVER	-0.5	2	28.4	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_hap_Fr3.1914	2							FT[181]NNSKLFPNTSDPQK	8.12	#	0	0	1	1				FT[181]NNSKLFPNTSDPQK	FT[181]NNSKLFPNTSDPQK	1.7	3	3.4	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.1920	2							NSPLDEENLT[181]QENQDR	11.61	#	0	0	1	1				NSPLDEENLT[181]QENQDR	NSPLDEENLT[181]QENQDR	-0.7	2	154.5	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.1921	3							NSPLDEENLT[83]QENQDR	6.92	#	0	0	1	1				NSPLDEENLT[83]QENQDR	NSPLDEENLT[83]QENQDR	-0.2	2	83.2	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.1969	2	KRIELS[166]VLSYHS[166]SFSIRK	3.46	3.63						#	1	0	0	1				KRIELS[166]VLSYHS[166]SFSIRK	KRIELS[166]VLSYHSS[166]FSIRK	-1.5	3	17.1	13.7	0	0	0	-	-	0	-	-
EXP1	fp_exp1_hap_Fr3.2111	2							ADS[166]GEGDFLAEGGGVR	7.71	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-1.6	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.2112	3							ADS[69]GEGDFLAEGGGVR	8.12	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	-1.3	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.2123	2	KAEEQVQAT[181]RQEVVFLAKELS[166]DAVNVRDR	3.25	4.71						#	1	0	0	1				KAEEQVQAT[181]RQEVVFLAKELS[166]DAVNVRDR	KAEEQVQAT[181]RQEVVFLAKELS[166]DAVNVRDR	0.7	3	-	-	-	-	0	-	-	-	-	-
EXP1	fp_exp1_hap_Fr3.2152	3							ADS[69]GEGDFLAEGGGVR	7.85	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	-1.2	1	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.2262	2							ADS[166]GEGDFLAEGGGVR	7.66	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-0.1	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.2410	2							ADS[166]GEGDFLAEGGGVR	10.40	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-0.1	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.2411	3							ADS[69]GEGDFLAEGGGVR	8.33	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	-0.1	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.2412	2	HTFMGVVSLGSPS[166]GEVSHPR	4.63	4.25				HTFMGVVSLGSPS[166]GEVSHPR	9.72	#	1	0	1	2		X		HTFMGVVSLGSPS[166]GEVSHPR	HTFMGVVSLGSPS[166]GEVSHPR	-0.8	3	76.7	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.2413	3	HTFMGVVSLGSPS[69]GEVSHPR	4.28	3.88	HTFMGVVSLGSPS[69]GEVSHPR	1.23E-10	2.51E-05	HTFMGVVSLGSPS[69]GEVSHPR	7.33	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR	HTFMGVVSLGSPS[69]GEVSHPR	-1.0	3	14.0	-	0	-	0	1	1	-	-	-
EXP1	fp_exp1_hap_Fr3.3108	2				TS[166]PKTGAPVAT[83]NNQS[69]R	3.49E-06	5.38E-01			#	0	1	0	1				TS[166]PKTGAPVAT[83]NNQS[69]R	TS[166]PKTGAPVAT[83]NNQS[69]R	-1.7	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr3.3187	2							ADS[166]GEGDFLAEGGGVR	8.24	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-0.8	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.3345	2							ADS[166]GEGDFLAEGGGVR	7.60	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-0.2	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.3536	2							ADS[166]GEGDFLAEGGGVR	8.64	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-0.9	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.3725	2							ADS[166]GEGDFLAEGGGVR	7.86	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-0.8	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.3959	2							ADS[166]GEGDFLAEGGGVR	6.78	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-0.5	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr3.4652	2							ADS[166]GEGDFLAEGGGVR	7.55	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-1.5	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr5.1474	2	TCVADES[166]AENCDK	4.76	7.44	TCVADES[166]AENCDK	4.11E-10	5.99E-05			#	1	1	0	2	X			TCVADES[166]AENCDK	TCVADES[166]AENCDK	-0.5	2	129.7	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_hap_Fr5.1592	2				KATEDEGS[166]EQKIPEATNR	9.20E-07	1.92E-01			#	0	1	0	1				KATEDEGS[166]EQKIPEATNR	KATEDEGS[166]EQKIPEATNR	-1.1	3	6.7	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_hap_Fr5.1593	3				KATEDEGS[69]EQKIPEATNR	4.55E-11	8.89E-06	KATEDEGS[69]EQKIPEATNR	8.35	#	0	1	1	2			X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-1.2	3	24.1	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_hap_Fr5.1599	2	ETTCSKES[166]NEELTESCETK	3.97	3.79	ETTCSKES[166]NEELTESCETK	2.28E-06	5.51E-01	ETTCS[166]KESNEELTESCETK	8.89	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	2	34.6	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_hap_Fr5.1600	3	ETTCSKES[69]NEELTESCETK	3.98	3.80	ETTCSKES[69]NEELTESCETK	7.23E-08	1.67E-02			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	47.1	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_hap_Fr5.2182	2							ADS[166]GEGDFLAEGGGVR	9.94	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	-1.8	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr5.2183	3							ADS[69]GEGDFLAEGGGVR	10.23	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	-1.6	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_hap_Fr5.2620	2	KLRRSS[166]SLKERS[166]RPFTVAASFQSTSVK	3.45	3.84						#	1	0	0	1				KLRRSS[166]SLKERS[166]RPFTVAASFQSTSVK	KLRRSS[166]SLKERS[166]RPFTVAASFQSTSVK	-0.7	3	7.1	5.8	0	0	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr02.1342	2	CDSSPDS[166]AEDVR	4.40	5.77	CDSSPDS[166]AEDVR	2.41E-06	2.84E-01	CDSSPDS[166]AEDVR	9.74	#	1	1	1	3	X	X	X	CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.8	2	56.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr02.1357	2				ETTCSKES[166]NEELTESCETKK	1.17E-07	2.89E-02	ETTCS[166]KESNEELTESCETKK	6.71	#	0	1	1	2			X	ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	0.7	3	8.0	-	0	-	-	0	1	-	-	-
EXP1	fp_exp1_lap_Fr02.1358	3				ETT[83]CSKESNEELTESCETKK	1.35E-07	3.27E-02			#	0	1	0	1				ETT[83]CSKESNEELTESCETKK	ETT[83]CSKESNEELTESCETKK	0.2	3	16.1	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr02.1425	2	ETTCSKES[166]NEELTESCETK	4.77	4.13	ETTCSKES[166]NEELTESCETK	3.36E-11	8.10E-06			#	1	1	0	2	X			ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.1	3	8.0	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr02.1568	2	ETTCS[166]KESNEELTESCETK	2.97	4.81						#	1	0	0	1				ETTCS[166]KESNEELTESCETK	ETTCSKES[166]NEELTESCETK	1.4	2	29.0	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr02.1651	2	VTEPIS[166]AES[166]GEQVER	4.97	6.22	VTEPIS[166]AES[166]GEQVER	1.96E-07	3.42E-02	VTEPIS[166]AES[166]GEQVER	11.16	#	1	1	1	3	X	X	X	VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	-0.3	2	59.3	78.2	1	1	0	1	1	1	1	1
EXP1	fp_exp1_lap_Fr02.1652	3	VTEPIS[69]AES[166]GEQVER	3.42	3.81	VTEPIS[166]AES[69]GEQVER	7.37E-08	1.17E-02	VTEPISAES[166]GEQVER	10.95	#	1	1	1	3	X	X	X	VTEPIS[69]AES[166]GEQVER	VTEPIS[69]AES[166]GEQVER	0.0	2	43.1	86.2	1	1	0	0	0	1	1	1
EXP1	fp_exp1_lap_Fr02.1781	2							EKPPGAS[166]VELVEY[243]LESR	7.17	#	0	0	1	1				EKPPGAS[166]VELVEY[243]LESR	EKPPGAS[166]VELVEY[243]LESR	0.0	2	117.5	44.4	1	1	-	-	1	-	-	1
EXP1	fp_exp1_lap_Fr02.2553	2							S[166]LPGESEEMMEEVDQVTLYSYK	7.37	#	0	0	1	1				S[166]LPGESEEMMEEVDQVTLYSYK	SLPGES[166]EEMMEEVDQVTLYSYK	-1.4	2	10.2	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr04.1344	2				CDSSPDS[166]AEDVRK	3.29E-06	4.58E-01			#	0	1	0	1				CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-1.8	3	41.6	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr04.1352	2	AGAEPAS[166]EREVS	3.10	6.10						#	1	0	0	1				AGAEPAS[166]EREVS	AGAEPAS[166]EREVS	-0.1	2	53.5	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr04.1357	2	CDSSPDS[166]AEDVR	4.87	6.41	CDSSPDS[166]AEDVR	3.03E-06	3.52E-01	CDSSPDS[166]AEDVR	11.04	#	1	1	1	3	X	X	X	CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.1	2	56.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr04.1358	3	CDSSPDS[69]AEDVR	3.15	3.94				CDSSPDS[69]AEDVR	8.45	#	1	0	1	2		X		CDSSPDS[69]AEDVR	CDSSPDS[69]AEDVR	0.1	2	32.5	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr04.1389	2							CDSSPDS[166]AEDVRK	8.26	#	0	0	1	1				CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.3	2	29.3	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr04.1485	2	SSLEKGQPS[69]SKMTPS[166]KNITKK	3.01	3.78						#	1	0	0	1				SSLEKGQPS[69]SKMTPS[166]KNITKK	SSLEKGQPS[166]SKMTPS[69]KNITKK	0.0	3	9.2	0.0	0	0	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr04.1542	2							ET[181]TCSKES[166]NEELTESCETK	8.89	#	0	0	1	1				ET[181]TCSKES[166]NEELTESCETK	ETT[181]CSKES[166]NEELTESCETK	-1.5	2	0.0	33.0	0	1	-	-	0	-	-	1
EXP1	fp_exp1_lap_Fr04.1574	2	CDSSPDS[166]AEDVR	4.58	5.98	CDSSPDS[166]AEDVR	1.52E-06	1.78E-01	CDSSPDS[166]AEDVR	9.41	#	1	1	1	3	X	X	X	CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.2	2	56.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr04.1596	2	ET[181]TCSKES[69]NEELTESCETK	5.00	4.08	ET[83]TCSKES[166]NEELTESCETK	1.08E-09	2.57E-04	ETTCS[166]KESNEELTESCETK	8.64	#	1	1	1	3	X	X	X	ET[181]TCSKES[69]NEELTESCETK	ET[83]TCSKES[166]NEELTESCETK	-0.4	2	0.0	33.0	0	1	0	1	0	1	1	0
EXP1	fp_exp1_lap_Fr04.1723	2	VTEPISAES[166]GEQVER	4.88	6.15	VTEPISAES[166]GEQVER	8.74E-10	1.43E-04	VTEPISAES[166]GEQVER	12.46	#	1	1	1	3	X	X	X	VTEPISAES[166]GEQVER	VTEPISAES[166]GEQVER	-0.4	2	69.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr04.1724	3	VTEPISAES[69]GEQVER	2.87	5.64	VTEPISAES[69]GEQVER	4.98E-08	7.40E-03	VTEPISAES[69]GEQVER	7.97	#	1	1	1	3	X	X	X	VTEPISAES[69]GEQVER	VTEPISAES[69]GEQVER	0.0	2	44.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr04.1825	2							NSPLDEENLT[181]QENQDR	11.53	#	0	0	1	1				NSPLDEENLT[181]QENQDR	NSPLDEENLT[181]QENQDR	-0.5	2	141.5	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr04.1835	2							NSPLDEENLT[181]QENQDR	10.05	#	0	0	1	1				NSPLDEENLT[181]QENQDR	NSPLDEENLT[181]QENQDR	-0.1	3	92.8	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr04.1899	2	DM[147]PAS[166]EDLQDLQK	4.14	6.66				DMPAS[166]EDLQDLQK	7.63	#	1	0	1	2		X		DM[147]PAS[166]EDLQDLQK	DM[147]PAS[166]EDLQDLQK	-0.3	2	-	-	-	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr04.1922	2	GGETAQS[166]ADPQWEQLNNK	6.72	5.73	GGETAQS[166]ADPQWEQLNNK	2.56E-11	5.19E-06	GGETAQS[166]ADPQWEQLNNK	10.56	#	1	1	1	3	X	X	X	GGETAQS[166]ADPQWEQLNNK	GGETAQS[166]ADPQWEQLNNK	-0.3	2	40.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr04.1923	3				GGETAQS[69]ADPQWEQLNNK	1.22E-11	2.32E-06	GGETAQS[69]ADPQWEQLNNK	10.22	#	0	1	1	2			X	GGETAQS[69]ADPQWEQLNNK	GGETAQS[69]ADPQWEQLNNK	-0.3	2	41.6	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr04.2064	2	DMPAS[166]EDLQDLQK	4.58	7.48	DMPAS[166]EDLQDLQK	6.29E-09	8.94E-04	DMPAS[166]EDLQDLQK	8.37	#	1	1	1	3	X	X	X	DMPAS[166]EDLQDLQK	DMPAS[166]EDLQDLQK	0.2	2	-	-	-	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr04.2263	2							QES[166]QSEEIDCNDKDLFK	6.65	#	0	0	1	1				QES[166]QSEEIDCNDKDLFK	QES[166]QSEEIDCNDKDLFK	-1.9	2	6.0	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr04.2353	2	IPSCDSS[166]PVSTEQLAPTAPPELTPVVQDCYHGDGQSYR	4.92	3.10	IPSCDSSPVS[166]TEQLAPTAPPELTPVVQDCYHGDGQSYR	0.00E+00	6.76E-11			#	1	1	0	2	X			IPSCDSS[166]PVSTEQLAPTAPPELTPVVQDCYHGDGQSYR	IPSCDSSPVS[166]TEQLAPTAPPELTPVVQDCYHGDGQSYR	-1.1	3	5.7	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr04.2721	2	TNT[181]NVNCPIECFMPLDVQADREDS[166]RE	5.67	5.71	T[181]NTNVNCPIECFMPLDVQADREDS[166]RE	3.81E-08	9.79E-03			#	1	1	0	2	X			TNT[181]NVNCPIECFMPLDVQADREDS[166]RE	T[181]NTNVNCPIECFMPLDVQADREDS[166]RE	-1.4	3	6.6	144.5	0	1	0	1	-	1	1	-
EXP1	fp_exp1_lap_Fr04.2797	2	SLPGES[166]EEMMEEVDQVTLYSYK	4.12	5.45				SLPGES[166]EEMMEEVDQVTLYSYK	7.04	#	1	0	1	2		X		SLPGES[166]EEMMEEVDQVTLYSYK	SLPGES[166]EEMMEEVDQVTLYSYK	-0.9	2	0.0	-	0	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr04.3819	2	CDSSPDS[166]AEDVR	3.23	5.53				CDSSPDS[166]AEDVR	7.08	#	1	0	1	2		X		CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-1.7	2	40.6	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr04.4779	2	CDSSPDS[166]AEDVR	2.78	4.39						#	1	0	0	1				CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-1.0	2	32.7	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr05.1409	2	CDSSPDS[166]AEDVRK	3.06	4.23						#	1	0	0	1				CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-1.8	2	38.2	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr05.1498	2	CDSSPDS[166]AEDVR	4.08	5.49				CDSSPDS[166]AEDVR	10.16	#	1	0	1	2		X		CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.7	2	56.3	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr05.1499	3							CDSSPDS[69]AEDVR	7.14	#	0	0	1	1				CDSSPDS[69]AEDVR	CDSSPDS[69]AEDVR	-0.5	2	46.9	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr05.1517	2				ETTCS[166]KESNEELTESCETKK	2.24E-06	5.51E-01			#	0	1	0	1				ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-0.9	3	6.7	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr05.1518	3	ETTCSKES[69]NEELTESCETKK	4.12	5.56	ETTCSKES[69]NEELTESCETKK	1.56E-08	3.75E-03	ETTCSKES[69]NEELTESCETKK	8.13	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.9	3	9.9	-	0	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr05.1521	2	ETTCSKES[166]NEELTESCETKK	2.82	4.12						#	1	0	0	1				ETTCSKES[166]NEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-1.7	2	30.2	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr05.1653	2	ETTCS[166]KES[166]NEELTESCETK	2.71	4.67						#	1	0	0	1				ETTCS[166]KES[166]NEELTESCETK	ETT[181]CSKES[166]NEELTESCETK	-0.9	2	0.0	28.6	0	1	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr05.1676	2	HLAQAS[166]QELQ	2.86	6.41	HLAQAS[166]QELQ	1.24E-06	1.08E-01	HLAQAS[166]QELQ	7.65	#	1	1	1	3	X	X	X	HLAQAS[166]QELQ	HLAQAS[166]QELQ	-0.2	2	-	-	-	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr05.1677	3	HLAQAS[69]QELQ	2.31	5.63	HLAQAS[69]QELQ	2.47E-07	1.87E-02	HLAQAS[69]QELQ	7.56	#	1	1	1	3	X	X	X	HLAQAS[69]QELQ	HLAQAS[69]QELQ	-0.1	2	-	-	-	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr05.1895	2	SKQS[166]KS[166]PSRTLSPGR	3.13	3.94						#	1	0	0	1				SKQS[166]KS[166]PSRTLSPGR	S[166]KQSKSPS[166]RTLSPGR	0.4	3	5.1	9.9	0	0	0	-	-	0	-	-
EXP1	fp_exp1_lap_Fr05.2159	2	QLMHS[166]GHPSEKEIKAQQDK	3.54	3.70						#	1	0	0	1				QLMHS[166]GHPSEKEIKAQQDK	QLMHS[166]GHPSEKEIKAQQDK	-0.8	2	49.8	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr05.2494	2				HNGPNDAS[166]DGT[83]VR	2.68E-06	3.05E-01			#	0	1	0	1				HNGPNDAS[166]DGT[83]VR	HNGPNDAS[166]DGT[83]VR	1.1	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr05.2551	2	MIATGGLLRISARKQDPLRPPS[166]QIPKRK	4.11	3.35						#	1	0	0	1				MIATGGLLRISARKQDPLRPPS[166]QIPKRK	MIATGGLLRISARKQDPLRPPS[166]QIPKRK	-1.3	3	34.3	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr05.2581	2				S[166]FNLQS[69]S[69]KKLFIFLGK	4.14E-06	7.72E-01			#	0	1	0	1				S[166]FNLQS[69]S[69]KKLFIFLGK	S[166]FNLQS[69]S[69]KKLFIFLGK	-0.6	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr05.2768	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	5.88	6.77	TNTNVNCPIECFMPLDVQADREDS[166]RE	1.78E-11	4.65E-06	TNTNVNCPIECFMPLDVQADREDS[166]RE	7.29	#	1	1	1	3	X	X	X	TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-1.5	3	161.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr05.2769	3	TNTNVNCPIECFMPLDVQADREDS[69]RE	4.11	5.07	TNTNVNCPIECFMPLDVQADREDS[69]RE	2.47E-13	6.52E-08			#	1	1	0	2	X			TNTNVNCPIECFMPLDVQADREDS[69]RE	TNTNVNCPIECFMPLDVQADREDS[69]RE	-1.5	3	136.5	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr05.2786	2	DT[181]HIIKAQS[166]QLVAGIKYFLTMEMGSTDCR	2.81	3.73						#	1	0	0	1				DT[181]HIIKAQS[166]QLVAGIKYFLTMEMGSTDCR	DT[181]HIIKAQS[166]QLVAGIKYFLTMEMGSTDCR	-1.9	3	19.4	17.3	1	0	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr05.3914	2				ES[69]LTPGREENPS[166]S[166]VLAQER	6.78E-08	1.56E-02			#	0	1	0	1				ES[69]LTPGREENPS[166]S[166]VLAQER	ES[69]LTPGREENPS[166]S[166]VLAQER	-0.1	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr06.1138	2	CDSSPDS[166]AEDVRK	3.59	4.95				CDSSPDS[166]AEDVRK	7.35	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	0.4	2	28.4	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr06.1252	2	CDSSPDS[166]AEDVR	4.48	5.86				CDSSPDS[166]AEDVR	9.54	#	1	0	1	2		X		CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	0.0	2	56.3	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr06.1262	2							ETTCS[166]KESNEELTESCETKK	8.09	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-0.6	3	9.4	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr06.1263	3	ETTCSKES[69]NEELTESCETKK	4.35	3.95	ETTCSKES[69]NEELTESCETKK	4.50E-08	1.08E-02	ETTCSKES[69]NEELTESCETKK	6.64	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.3	3	30.1	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr06.1329	2	ETTCSKES[166]NEELTESCETK	4.04	3.94				ETTCS[166]KESNEELTESCETK	7.79	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.3	2	41.2	-	1	-	0	-	0	-	-	-

EXP1	fp_exp1_lap_Fr06.1331	2	ETTCS[166]KESNEELTESCETK	4.83	3.92	ETTCSKES[166]NEELTESCETK	4.02E-10	9.74E-05	ETTCS[166]KESNEELTESCETK	7.77	#	1	1	1	3	X	X	X	ETTCS[166]KESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	3	32.7	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr06.1383	2				ATEDEGS[166]EQKIPEATNR	6.91E-08	1.32E-02			#	0	1	0	1				ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	0.5	2	22.4	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr06.1384	3	ATEDEGS[69]EQKIPEATNR	2.72	3.98	ATEDEGS[69]EQKIPEATNR	1.35E-06	2.45E-01			#	1	1	0	2	X			ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.2	2	46.9	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr06.1387	2	ETTCS[166]KES[166]NEELTESCETK	4.21	2.67				ET[181]TCSKES[166]NEELTESCETK	9.12	#	1	0	1	2		X		ETTCS[166]KES[166]NEELTESCETK	ETT[181]CSKES[166]NEELTESCETK	-1.1	2	0.0	44.4	0	1	0	-	0	1	-	1
EXP1	fp_exp1_lap_Fr06.1404	2				QELSQANFAT[181]FT[83]QALQDYKGSDDFAALAACLGPLFAEDPKK	3.33E-06	5.79E-01			#	0	1	0	1				QELSQANFAT[181]FT[83]QALQDYKGSDDFAALAACLGPLFAEDPKK	QELSQANFAT[181]FT[83]QALQDYKGSDDFAALAACLGPLFAEDPKK	1.3	3	12.4	7.9	0	0	-	1	-	-	1	-
EXP1	fp_exp1_lap_Fr06.1516	2							RTRIT[181]GNPVVT[181]NR	6.91	#	0	0	1	1				RTRIT[181]GNPVVT[181]NR	RTRIT[181]GNPVVT[181]NR	0.6	2	14.8	78.9	0	1	-	-	1	-	-	1
EXP1	fp_exp1_lap_Fr06.1623	2	T[181]PLPLCSSQAQMDY[243]R	3.03	3.51						#	1	0	0	1				T[181]PLPLCSSQAQMDY[243]R	T[181]PLPLCSSQAQMDY[243]R	-0.5	2	26.5	13.7	1	0	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr06.1703	2	EAQPLVWVKDPLQLT[181]SNPLGPPEPWS[69]SR	2.88	3.94						#	1	0	0	1				EAQPLVWVKDPLQLT[181]SNPLGPPEPWS[69]SR	EAQPLVWVKDPLQLTS[166]NPLGPPEPWSS[69]R	1.1	3	14.0	0.0	0	0	0	-	-	0	-	-
EXP1	fp_exp1_lap_Fr06.1721	2				TYKAISES[69]Y[243]AFLPREAVTR	1.47E-06	3.46E-01			#	0	1	0	1				TYKAISES[69]Y[243]AFLPREAVTR	TYKAISES[166]YAFLPREAVT[83]R	-0.5	3	0.0	7.5	0	0	-	0	-	-	0	-
EXP1	fp_exp1_lap_Fr06.1787	2	S[166]CESNSPFPVHPGTAECCTK	4.26	4.99	S[166]CESNSPFPVHPGTAECCTK	2.52E-08	6.02E-03	S[166]CESNSPFPVHPGTAECCTK	7.40	#	1	1	1	3	X	X	X	S[166]CESNSPFPVHPGTAECCTK	S[166]CESNSPFPVHPGTAECCTK	-1.2	3	30.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr06.1788	3	S[69]CESNSPFPVHPGTAECCTK	3.54	3.25	S[69]CESNSPFPVHPGTAECCTK	2.50E-12	5.78E-07	S[69]CESNSPFPVHPGTAECCTK	8.01	#	1	1	1	3	X	X	X	S[69]CESNSPFPVHPGTAECCTK	S[69]CESNSPFPVHPGTAECCTK	-0.5	3	46.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr06.1946	2							CS[166]GQELSLWK	6.68	#	0	0	1	1				CS[166]GQELSLWK	CS[166]GQELSLWK	0.6	2	26.9	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr06.1956	2	LGPLSAEGTTGLAPAGQTSEES[166]RPR	5.47	3.52	LGPLSAEGTTGLAPAGQTSEES[166]RPR	6.59E-11	1.65E-05			#	1	1	0	2	X			LGPLSAEGTTGLAPAGQTSEES[166]RPR	LGPLSAEGTTGLAPAGQTSEES[166]RPR	-0.5	3	16.4	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr06.1964	2				VTTVAS[166]HTSDSDVPSGVTEVVVK	2.34E-09	5.64E-04	VTTVASHTSDS[166]DVPSGVTEVVVK	6.67	#	0	1	1	2			X	VTTVASHTSDS[166]DVPSGVTEVVVK	VTTVASHTSDS[166]DVPSGVTEVVVK	0.2	3	2.4	-	0	-	-	0	1	-	-	-
EXP1	fp_exp1_lap_Fr06.2300	2							TNTNVNCPIECFMPLDVQADREDS[166]RE	9.31	#	0	0	1	1				TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	1.1	3	72.7	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr06.2444	2							TNTNVNCPIECFMPLDVQADREDS[166]RE	7.70	#	0	0	1	1				TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-0.4	3	109.6	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr06.2492	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	6.16	7.25	TNTNVNCPIECFMPLDVQADREDS[166]RE	2.90E-14	7.64E-09	TNTNVNCPIECFMPLDVQADREDS[166]RE	8.90	#	1	1	1	3	X	X	X	TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-0.6	3	174.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr06.2493	3	TNTNVNCPIECFMPLDVQADREDS[69]RE	2.49	4.16	TNTNVNCPIECFMPLDVQADREDS[69]RE	1.53E-11	4.03E-06			#	1	1	0	2	X			TNTNVNCPIECFMPLDVQADREDS[69]RE	TNTNVNCPIECFMPLDVQADREDS[69]RE	-0.8	3	123.3	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr06.2506	2				ALSTLGS[166]PSLFTTPGVPS[166]ALTTPGLTTPGTPK	3.30E-06	8.65E-01			#	0	1	0	1				ALSTLGS[166]PSLFTTPGVPS[166]ALTTPGLTTPGTPK	ALSTLGS[166]PSLFTTPGVPS[166]ALTTPGLTTPGTPK	-1.3	3	4.4	15.2	0	0	-	1	-	-	1	-
EXP1	fp_exp1_lap_Fr06.2642	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	6.28	7.59	TNTNVNCPIECFMPLDVQADREDS[166]RE	2.00E-14	5.23E-09	TNTNVNCPIECFMPLDVQADREDS[166]RE	7.96	#	1	1	1	3	X	X	X	TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-1.0	3	147.2	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr06.2643	3				TNTNVNCPIECFMPLDVQADREDS[69]RE	5.66E-08	1.49E-02			#	0	1	0	1				TNTNVNCPIECFMPLDVQADREDS[69]RE	TNTNVNCPIECFMPLDVQADREDS[69]RE	-0.9	3	78.3	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr06.2790	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	6.55	7.52	TNTNVNCPIECFMPLDVQADREDS[166]RE	2.37E-11	6.16E-06	TNTNVNCPIECFMPLDVQADREDS[166]RE	6.66	#	1	1	1	3	X	X	X	TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-2.0	3	147.9	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr06.2936	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	6.10	7.17	TNTNVNCPIECFMPLDVQADREDS[166]RE	3.60E-14	9.31E-09	TNTNVNCPIECFMPLDVQADREDS[166]RE	7.71	#	1	1	1	3	X	X	X	TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-1.8	3	173.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr06.3111	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	4.21	5.71	TNTNVNCPIECFMPLDVQADREDS[166]RE	1.05E-11	2.73E-06	TNTNVNCPIECFMPLDVQADREDS[166]RE	6.67	#	1	1	1	3	X	X	X	TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-1.4	3	94.5	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr06.3395	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	5.50	6.60	TNTNVNCPIECFMPLDVQADREDS[166]RE	2.34E-11	6.11E-06			#	1	1	0	2	X			TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-1.6	3	152.0	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr06.3552	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	4.48	5.80	TNTNVNCPIECFMPLDVQADREDS[166]RE	4.05E-09	1.06E-03			#	1	1	0	2	X			TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-0.9	3	168.1	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr06.3700	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	4.78	6.85	TNTNVNCPIECFMPLDVQADREDS[166]RE	1.83E-08	4.87E-03			#	1	1	0	2	X			TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	0.7	3	123.4	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr07.1357	2	CDSSPDS[166]AEDVRK	3.91	4.66				CDSSPDS[166]AEDVRK	8.08	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.9	2	38.2	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr07.1358	3	CDSSPDS[69]AEDVRK	3.31	3.86	CDSSPDS[69]AEDVRK	8.15E-07	1.01E-01	CDSSPDS[69]AEDVRK	9.58	#	1	1	1	3	X	X	X	CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-0.6	2	14.1	-	0	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.1368	2	CDSSPDS[166]AEDVRK	2.84	4.51	CDSSPDS[166]AEDVRK	8.70E-09	1.21E-03			#	1	1	0	2	X			CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-1.8	3	34.8	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr07.1369	3	CDSSPDS[69]AEDVRK	3.67	5.11	CDSSPDS[69]AEDVRK	1.62E-09	2.00E-04	CDSSPDS[69]AEDVRK	7.76	#	1	1	1	3	X	X	X	CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.1	3	49.8	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.1390	3	KCMSVLNKT[83]KWK	2.75	4.17						#	1	0	0	1				KCMSVLNKT[83]KWK	KCMSVLNKT[83]KWK	0.3	2	19.8	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr07.1442	2	DSPSKSS[166]AEAQTPEDTPNK	4.43	3.28	DSPSKSS[166]AEAQTPEDTPNK	1.06E-08	2.15E-03	DSPSKSS[166]AEAQTPEDTPNK	8.90	#	1	1	1	3	X	X	X	DSPSKSS[166]AEAQTPEDTPNK	DSPSKSS[166]AEAQTPEDTPNK	-1.9	2	23.1	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.1443	3	DSPSKSS[69]AEAQTPEDTPNK	3.80	2.96				DSPSKSS[69]AEAQTPEDTPNK	8.00	#	1	0	1	2		X		DSPSKSS[69]AEAQTPEDTPNK	DSPSKSSAEAQT[83]PEDTPNK	-0.8	2	21.2	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr07.1527	2	ETTCSKES[166]NEELTESCETK	4.65	2.76	ETTCSKES[166]NEELTESCETK	2.48E-12	5.97E-07	ET[181]TCSKESNEELTESCETK	7.63	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.4	3	11.2	-	0	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.1532	2	ETTCSKES[166]NEELTESCETK	4.63	3.77	ETTCSKES[166]NEELTESCETK	4.94E-07	1.19E-01	ET[181]TCSKESNEELTESCETK	8.27	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.5	2	39.3	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.1533	3	ETTCSKES[69]NEELTESCETK	5.19	4.41	ETTCSKES[69]NEELTESCETK	2.57E-09	5.94E-04	ETTCSKES[69]NEELTESCETK	10.88	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.8	2	45.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.1574	2				ATEDEGS[166]EQKIPEATNR	4.02E-10	7.66E-05	ATEDEGS[166]EQKIPEATNR	7.46	#	0	1	1	2			X	ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	-0.8	2	40.9	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.1575	3	ATEDEGS[69]EQKIPEATNR	4.77	5.49	ATEDEGS[69]EQKIPEATNR	1.85E-07	3.35E-02	ATEDEGS[69]EQKIPEATNR	10.02	#	1	1	1	3	X	X	X	ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.7	2	36.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.1582	2	ET[181]TCSKES[69]NEELTESCETK	4.83	3.64	ET[83]TCSKES[166]NEELTESCETK	2.02E-07	4.79E-02	ET[181]TCSKESNEELTESCETK	7.82	#	1	1	1	3	X	X	X	ET[181]TCSKES[69]NEELTESCETK	ET[83]TCSKES[166]NEELTESCETK	-1.0	2	0.0	60.0	0	1	0	1	0	1	1	0
EXP1	fp_exp1_lap_Fr07.1583	3	ETT[83]CSKES[69]NEELTESCETK	5.23	3.54	ETT[83]CSKES[69]NEELTESCETK	4.83E-11	1.10E-05			#	1	1	0	2	X			ETT[83]CSKES[69]NEELTESCETK	ET[83]TCSKES[69]NEELTESCETK	-0.7	2	0.0	55.6	0	1	0	0	-	1	1	-
EXP1	fp_exp1_lap_Fr07.1629	2				T[181]ALLNY[243]ENLPS[69]LPPVWEAR	3.11E-06	7.30E-01			#	0	1	0	1				T[181]ALLNY[243]ENLPS[69]LPPVWEAR	T[181]ALLNY[243]ENLPS[69]LPPVWEAR	-1.7	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr07.1662	2	ETTCSKES[166]NEELTESCETK	3.76	3.05	ETTCSKES[166]NEELTESCETK	3.51E-07	8.45E-02	ETTCS[166]KESNEELTESCETK	7.00	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	0.7	2	0.0	-	0	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.1689	2				SSTLGQEERPPEPPPGPPS[166]KSS[69]PQARGSLEEQLLQELSSLILR	3.94E-06	6.43E-01			#	0	1	0	1				SSTLGQEERPPEPPPGPPS[166]KSS[69]PQARGSLEEQLLQELSSLILR	SSTLGQEERPPEPPPGPPS[166]KSSPQARGS[69]LEEQLLQELSSLILR	-0.8	3	9.4	6.0	0	0	-	0	-	-	0	-
EXP1	fp_exp1_lap_Fr07.1697	3				VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	2.02E-10	5.33E-05	VVQAPKEEEEDEQEAS[166]EEKASEEEK	7.82	#	0	1	1	2			X	VVQAPKEEEEDEQEAS[166]EEKASEEEK	VVQAPKEEEEDEQEAS[166]EEKASEEEK	-1.8	3	10.1	-	0	-	-	0	1	-	-	-
EXP1	fp_exp1_lap_Fr07.1772	2	ETT[181]CSKESNEELTESCETK	3.69	3.40	ETTCS[166]KESNEELTESCETK	1.49E-08	3.59E-03			#	1	1	0	2	X			ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	0.7	3	17.1	-	0	-	0	0	-	-	-	-
EXP1	fp_exp1_lap_Fr07.1813	2	ETTCSKES[166]NEELTESCETK	4.09	3.63	ETTCSKES[166]NEELTESCETK	3.38E-08	8.19E-03	ETTCS[166]KESNEELTESCETK	8.44	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.0	2	30.4	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.1814	3	ETTCSKES[69]NEELTESCETK	4.56	4.30	ETTCSKES[69]NEELTESCETK	6.47E-09	1.50E-03	ETTCSKES[69]NEELTESCETK	9.58	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	28.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.1920	2	DM[147]PAS[166]EDLQDLQKK	4.66	7.02						#	1	0	0	1				DM[147]PAS[166]EDLQDLQKK	DM[147]PAS[166]EDLQDLQKK	-0.9	2	-	-	-	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr07.1974	2				GMLTLGCTLY[243]IVWAT[83]LYR	3.88E-06	8.75E-01			#	0	1	0	1				GMLTLGCTLY[243]IVWAT[83]LYR	GMLTLGCTLY[243]IVWAT[83]LYR	-1.5	3	38.3	83.9	1	1	-	1	-	-	1	-
EXP1	fp_exp1_lap_Fr07.1987	2	ET[181]TCSKES[69]NEELTESCETK	5.16	3.48	ETT[83]CSKES[166]NEELTESCETK	8.56E-08	2.02E-02	ET[181]TCSKESNEELTESCETK	7.22	#	1	1	1	3	X	X	X	ET[181]TCSKES[69]NEELTESCETK	ET[83]TCSKES[166]NEELTESCETK	-1.9	2	0.0	22.3	0	1	0	0	0	1	1	0
EXP1	fp_exp1_lap_Fr07.1997	2	ETTCSKES[166]NEELTESCETK	4.11	3.68						#	1	0	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	0.6	3	8.0	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr07.2036	2	ETTCSKES[166]NEELTESCETK	4.62	2.93	ETTCSKES[166]NEELTESCETK	5.29E-07	1.27E-01	ET[181]TCSKESNEELTESCETK	8.12	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.8	2	39.3	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2037	3	ETTCSKES[69]NEELTESCETK	5.01	3.82	ETTCSKES[69]NEELTESCETK	2.56E-10	5.90E-05	ETT[83]CSKESNEELTESCETK	10.22	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.5	2	28.4	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2039	2	FSVVYAKCDSSPDS[166]AEDVR	4.61	4.72						#	1	0	0	1				FSVVYAKCDSSPDS[166]AEDVR	FSVVYAKCDSSPDS[166]AEDVR	1.1	2	38.2	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr07.2040	3	FSVVYAKCDSSPDS[69]AEDVR	3.21	3.82				FSVVYAKCDSSPDS[69]AEDVR	6.70	#	1	0	1	2		X		FSVVYAKCDSSPDS[69]AEDVR	FSVVYAKCDSSPDS[69]AEDVR	0.6	2	48.4	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2086	2	DMPAS[166]EDLQDLQKK	5.31	6.67				DMPAS[166]EDLQDLQKK	7.41	#	1	0	1	2		X		DMPAS[166]EDLQDLQKK	DMPAS[166]EDLQDLQKK	-1.2	2	-	-	-	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2087	3	DMPAS[69]EDLQDLQKK	3.27	4.82				DMPAS[69]EDLQDLQKK	8.90	#	1	0	1	2		X		DMPAS[69]EDLQDLQKK	DMPAS[69]EDLQDLQKK	-0.2	2	-	-	-	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2093	3							S[69]KEQLTPLIK	9.10	#	0	0	1	1				S[69]KEQLTPLIK	S[69]KEQLTPLIK	-0.2	2	53.9	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2145	2	ETTCSKES[166]NEELTESCETK	4.84	3.12	ETTCSKES[166]NEELTESCETK	2.03E-12	4.89E-07	ETTCS[166]KESNEELTESCETK	7.68	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.2	3	50.0	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2176	2	GSVQYLPDLDDKNS[166]QEK	5.25	6.24	GSVQYLPDLDDKNS[166]QEK	9.11E-07	1.79E-01	GSVQYLPDLDDKNS[166]QEK	8.14	#	1	1	1	3	X	X	X	GSVQYLPDLDDKNS[166]QEK	GSVQYLPDLDDKNS[166]QEK	-2.0	2	122.2	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2188	2	ETTCSKES[166]NEELTESCETK	4.00	3.17	ETTCSKES[166]NEELTESCETK	7.11E-08	1.71E-02	ETTCS[166]KESNEELTESCETK	8.13	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.9	2	40.6	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2189	3	ETTCSKES[69]NEELTESCETK	4.84	4.02	ETTCS[69]KESNEELTESCETK	1.67E-07	3.86E-02	ETTCSKES[69]NEELTESCETK	10.11	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.8	2	38.2	-	1	-	0	0	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2266	2							EQQDS[166]PGNKDFLQSLK	9.16	#	0	0	1	1				EQQDS[166]PGNKDFLQSLK	EQQDS[166]PGNKDFLQSLK	-1.7	2	111.2	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2267	3	EQQDS[69]PGNKDFLQSLK	4.18	5.67	EQQDS[69]PGNKDFLQSLK	3.87E-08	6.87E-03	EQQDS[69]PGNKDFLQSLK	9.99	#	1	1	1	3	X	X	X	EQQDS[69]PGNKDFLQSLK	EQQDS[69]PGNKDFLQSLK	-0.7	2	97.5	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2299	2				RY[243]WEEETVPTT[83]AGASPGPPR	2.75E-06	6.41E-01			#	0	1	0	1				RY[243]WEEETVPTT[83]AGASPGPPR	RYWEEETVPT[181]T[83]AGASPGPPR	1.9	3	14.6	3.2	0	0	-	0	-	-	1	-
EXP1	fp_exp1_lap_Fr07.2365	2	CKENGAFT[83]VLVDNYMKEEEGTGVVHQAPYFGAEDY[243]R	3.23	4.51						#	1	0	0	1				CKENGAFT[83]VLVDNYMKEEEGTGVVHQAPYFGAEDY[243]R	CKENGAFT[83]VLVDNYMKEEEGTGVVHQAPYFGAEDY[243]R	-0.1	3	19.6	6.2	1	0	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr07.2387	2	ETTCSKES[166]NEELTESCETK	3.69	3.52	ETTCSKES[166]NEELTESCETK	3.20E-07	7.76E-02	ETTCS[166]KESNEELTESCETK	7.45	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.0	2	37.5	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2388	3	ETTCSKES[69]NEELTESCETK	4.49	4.09	ETTCSKES[69]NEELTESCETK	1.18E-10	2.73E-05	ETTCSKES[69]NEELTESCETK	8.77	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	37.8	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2393	3	DSGRDYVS[69]QFEGSALGK	3.62	4.21	DSGRDYVS[69]QFEGSALGK	4.40E-10	7.63E-05			#	1	1	0	2	X			DSGRDYVS[69]QFEGSALGK	DSGRDYVS[69]QFEGSALGK	-1.0	2	46.9	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr07.2411	2	HTFMGVVSLGSPS[166]GEVSHPR	4.76	4.02	HTFMGVVSLGSPS[166]GEVSHPR	1.30E-12	2.86E-07	HTFMGVVSLGSPS[166]GEVSHPR	8.15	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR	HTFMGVVSLGSPS[166]GEVSHPR	-1.5	3	35.1	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2412	3	HTFMGVVSLGSPS[69]GEVSHPR	4.89	4.34	HTFMGVVSLGSPS[69]GEVSHPR	4.39E-13	9.02E-08	HTFMGVVSLGSPS[69]GEVSHPR	9.00	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR	HTFMGVVSLGSPS[69]GEVSHPR	-0.8	3	40.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2450	2	EPATLKDS[166]LEQDLNNMNK	3.97	4.17	EPATLKDS[166]LEQDLNNMNK	9.07E-07	1.99E-01	EPATLKDS[166]LEQDLNNMNK	9.78	#	1	1	1	3	X	X	X	EPATLKDS[166]LEQDLNNMNK	EPATLKDS[166]LEQDLNNMNK	-1.9	2	58.9	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2507	3				WEYCKIPSCDSSPVST[181]EQLAPTAPPELTPVVQDCYHGDGQSYR	4.91E-08	6.79E-03			#	0	1	0	1				WEYCKIPSCDSSPVST[181]EQLAPTAPPELTPVVQDCYHGDGQSYR	N/A	0.7	3	-	-	-	-	-	0	-	-	-	-
EXP1	fp_exp1_lap_Fr07.2535	2	ETTCSKES[166]NEELTESCETK	4.33	3.21	ETTCSKES[166]NEELTESCETK	3.29E-06	7.91E-01	ET[181]TCSKESNEELTESCETK	7.62	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.8	2	40.6	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2536	3	ETTCS[69]KESNEELTESCETK	3.99	2.81	ETTCSKES[69]NEELTESCETK	1.11E-07	2.56E-02	ETT[83]CSKESNEELTESCETK	9.95	#	1	1	1	3	X	X	X	ETTCS[69]KESNEELTESCETK	ETTCS[69]KESNEELTESCETK	-1.5	2	13.3	-	0	-	0	0	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2690	2	ETTCSKES[166]NEELTESCETK	3.85	3.50				ET[181]TCSKESNEELTESCETK	8.33	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	52.5	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2691	3	ETTCSKES[69]NEELTESCETK	3.66	3.64	ETTCSKES[69]NEELTESCETK	2.30E-07	5.32E-02			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	47.0	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr07.2758	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	5.73	6.71	TNTNVNCPIECFMPLDVQADREDS[166]RE	6.10E-14	1.58E-08	TNTNVNCPIECFMPLDVQADREDS[166]RE	8.30	#	1	1	1	3	X	X	X	TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-1.8	3	160.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2842	2	ETTCSKES[166]NEELTESCETK	3.84	3.05	ETTCSKES[166]NEELTESCETK	1.96E-06	4.70E-01	ETTCS[166]KESNEELTESCETK	8.45	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.9	2	40.6	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2843	3	ETTCSKES[69]NEELTESCETK	4.47	3.52	ETTCSKES[69]NEELTESCETK	8.97E-08	2.07E-02	ET[83]TCSKESNEELTESCETK	9.80	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.5	2	28.4	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2910	2	KCSGTEASVVAPPPVVLLPDVETPS[166]EEDCMFGNGK	6.01	3.76	KCSGTEASVVAPPPVVLLPDVETPS[166]EEDCMFGNGK	0.00E+00	5.00E-15	KCSGTEASVVAPPPVVLLPDVETPS[166]EEDCMFGNGK	8.06	#	1	1	1	3	X	X	X	KCSGTEASVVAPPPVVLLPDVETPS[166]EEDCMFGNGK	KCSGTEASVVAPPPVVLLPDVETPS[166]EEDCMFGNGK	-0.5	3	26.5	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2911	3				KCSGTEASVVAPPPVVLLPDVETPS[69]EEDCMFGNGK	6.56E-07	1.55E-01			#	0	1	0	1				KCSGTEASVVAPPPVVLLPDVETPS[69]EEDCMFGNGK	KCSGTEASVVAPPPVVLLPDVETPS[69]EEDCMFGNGK	-1.3	3	37.5	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr07.2993	3	ETTCSKES[69]NEELTESCETK	5.15	4.36	ETTCSKES[69]NEELTESCETK	3.13E-11	7.23E-06	ETTCSKES[69]NEELTESCETK	9.75	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.6	2	43.5	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.2994	2	ETTCSKES[166]NEELTESCETK	3.62	4.26	ETTCSKES[166]NEELTESCETK	3.82E-08	9.25E-03	ET[181]TCSKESNEELTESCETK	8.37	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.4	2	64.8	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.2995	3	ETTCSKES[69]NEELTESCETK	4.23	4.52	ETTCSKES[69]NEELTESCETK	9.44E-07	2.18E-01	ETTCSKES[69]NEELTESCETK	9.83	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.5	2	28.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.3137	2	ETTCSKES[166]NEELTESCETK	4.10	3.98	ETTCSKES[166]NEELTESCETK	3.40E-08	8.25E-03	ETTCS[166]KESNEELTESCETK	8.90	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.0	2	56.7	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.3138	3	ETTCSKES[69]NEELTESCETK	4.43	4.04	ETTCSKES[69]NEELTESCETK	2.24E-08	5.18E-03	ETTCSKES[69]NEELTESCETK	9.35	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	28.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.3284	2	ETTCSKES[166]NEELTESCETK	4.87	3.52	ETTCSKES[166]NEELTESCETK	5.17E-07	1.24E-01	ET[181]TCSKESNEELTESCETK	8.50	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.9	2	39.3	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.3285	3	ETTCSKES[69]NEELTESCETK	4.71	3.87	ETTCSKES[69]NEELTESCETK	1.51E-08	3.48E-03	ETTCSKES[69]NEELTESCETK	10.60	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.8	2	28.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.3433	2	ETTCSKES[166]NEELTESCETK	4.06	3.36				ET[181]TCSKESNEELTESCETK	8.35	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.0	2	37.5	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr07.3434	3	ETTCSKES[69]NEELTESCETK	4.84	4.60	ETTCSKES[69]NEELTESCETK	1.94E-09	4.48E-04	ETTCSKES[69]NEELTESCETK	9.85	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	52.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.3492	2				ETTCSKES[166]NEELTESCETK	1.25E-09	3.00E-04			#	0	1	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	0.3	3	22.2	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr07.3581	2	ETTCSKES[166]NEELTESCETK	4.15	3.10	ETTCSKES[166]NEELTESCETK	1.19E-07	2.88E-02	ET[181]TCSKESNEELTESCETK	8.34	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	44.4	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.3582	3	ETTCSKES[69]NEELTESCETK	4.34	4.10	ETTCSKES[69]NEELTESCETK	2.36E-09	5.45E-04	ETTCSKES[69]NEELTESCETK	8.70	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.6	2	48.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.3637	2	ETTCSKES[166]NEELTESCETK	4.63	3.01	ETTCS[166]KESNEELTESCETK	6.02E-09	1.45E-03			#	1	1	0	2	X			ETTCSKES[166]NEELTESCETK	ETTCS[166]KESNEELTESCETK	-1.7	3	8.0	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr07.3728	2							ETTCS[166]KESNEELTESCETK	8.33	#	0	0	1	1				ETTCS[166]KESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	33.2	-	1	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr07.3729	3	ETTCSKES[69]NEELTESCETK	4.13	4.13	ETTCSKES[69]NEELTESCETK	9.56E-09	2.21E-03	ETTCSKES[69]NEELTESCETK	8.28	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.6	2	49.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.3785	2	ETTCS[166]KESNEELTESCETK	3.81	3.05	ETTCSKES[166]NEELTESCETK	1.49E-09	3.61E-04			#	1	1	0	2	X			ETTCS[166]KESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	3	17.2	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr07.3856	2							T[181]QEGIMVEDSPMLK	6.76	#	0	0	1	1				T[181]QEGIMVEDSPMLK	T[181]QEGIMVEDSPMLK	0.1	2	43.0	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr07.3875	2	ETTCSKES[166]NEELTESCETK	4.20	3.42	ETTCSKES[166]NEELTESCETK	2.90E-09	7.02E-04	ETTCS[166]KESNEELTESCETK	8.67	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.0	2	54.7	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.3876	3	ETTCSKES[69]NEELTESCETK	4.69	4.15	ETTCSKES[69]NEELTESCETK	4.06E-11	9.38E-06	ETTCSKES[69]NEELTESCETK	9.02	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.6	2	47.1	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr07.3932	2	ETTCSKES[166]NEELTESCETK	4.63	3.73	ETTCSKES[166]NEELTESCETK	2.58E-10	6.21E-05	ETTCS[166]KESNEELTESCETK	7.43	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.2	3	8.0	-	0	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr07.4032	2	ETTCSKES[166]NEELTESCETK	3.75	3.54				ETTCS[166]KESNEELTESCETK	7.54	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.0	2	29.0	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr07.4033	3	ETTCSKES[69]NEELTESCETK	4.07	3.88	ETTCSKES[69]NEELTESCETK	3.97E-08	9.18E-03			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.5	2	32.7	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr07.4409	2	ETTCSKES[166]NEELTESCETK	3.87	3.55						#	1	0	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.7	2	28.4	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr07.4419	2	ETTCSKES[166]NEELTESCETK	4.59	3.30						#	1	0	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.9	3	18.5	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr07.4564	2	ETTCSKES[166]NEELTESCETK	4.46	2.74	ETTCS[166]KESNEELTESCETK	5.59E-07	1.34E-01			#	1	1	0	2	X			ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.5	3	9.9	-	0	-	0	0	-	-	-	-
EXP1	fp_exp1_lap_Fr07.4612	2							ETTCS[166]KESNEELTESCETK	6.70	#	0	0	1	1				ETTCS[166]KESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	23.6	-	1	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr07.4759	2	ETTCSKES[166]NEELTESCETK	4.29	3.62						#	1	0	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.8	2	20.7	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr08.1053	2							CDSSPDS[166]AEDVRK	7.83	#	0	0	1	1				CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.1	2	22.5	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1089	2	VRES[166]DEETQIK	4.05	6.35	VRES[166]DEETQIK	2.94E-07	3.38E-02	VRES[166]DEETQIK	9.09	#	1	1	1	3	X	X	X	VRES[166]DEETQIK	VRES[166]DEETQIK	-0.4	2	69.8	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1090	3				VRES[69]DEETQIK	7.56E-08	7.56E-03	VRESDEET[83]QIK	9.72	#	0	1	1	2			X	VRESDEET[83]QIK	VRES[69]DEETQIK	-0.2	2	60.6	-	1	-	-	1	0	-	-	-
EXP1	fp_exp1_lap_Fr08.1132	2	CDSSPDS[166]AEDVRK	4.00	5.55				CDSSPDS[166]AEDVRK	6.81	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.3	2	38.2	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1133	3							CDSSPDS[69]AEDVRK	7.12	#	0	0	1	1				CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-0.1	2	13.9	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1134	2	VKS[166]PELQAEAK	3.52	5.74	VKS[166]PELQAEAK	2.28E-08	2.24E-03	VKS[166]PELQAEAK	7.94	#	1	1	1	3	X	X	X	VKS[166]PELQAEAK	VKS[166]PELQAEAK	0.2	2	-	-	-	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1190	2	ETTCSKES[166]NEELTESCETK	3.80	3.84	ETTCSKES[166]NEELTESCETK	1.47E-06	3.57E-01	ETTCS[166]KESNEELTESCETK	8.57	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.3	2	19.0	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr08.1362	2							T[181]LAQT[181]V	7.31	#	0	0	1	1				T[181]LAQT[181]V	T[181]LAQT[181]V	0.0	1	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1368	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	4.88	4.57				VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	6.97	#	1	0	1	2		X		VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-1.1	3	-	-	-	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1369	3				VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	1.78E-11	4.64E-06	VVQAPKEEEEDEQEAS[166]EEKASEEEK	7.13	#	0	1	1	2			X	VVQAPKEEEEDEQEAS[166]EEKASEEEK	VVQAPKEEEEDEQEAS[166]EEKASEEEK	-1.0	3	6.7	-	0	-	-	0	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1493	2	KVTYTS[166]QEDLVEK	5.52	4.97				KVTYTS[166]QEDLVEK	9.98	#	1	0	1	2		X		KVTYTS[166]QEDLVEK	KVTYTS[166]QEDLVEK	-1.5	2	34.0	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1663	2							THLAPY[243]SDELR	7.26	#	0	0	1	1				THLAPY[243]SDELR	THLAPY[243]SDELR	-1.2	2	8.7	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1664	3	THLAPYS[69]DELR	2.09	5.33	THLAPYS[69]DELR	7.66E-07	7.47E-02			#	1	1	0	2	X			THLAPYS[69]DELR	THLAPYS[69]DELR	-0.1	2	90.3	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr08.1675	2	SGYLLHGS[166]NEITCNR	2.87	3.79						#	1	0	0	1				SGYLLHGS[166]NEITCNR	SGYLLHGS[166]NEITCNR	-0.1	3	3.4	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr08.1706	3							S[69]KEQLTPLIK	8.15	#	0	0	1	1				S[69]KEQLTPLIK	S[69]KEQLTPLIK	0.0	2	76.2	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1814	2							ADS[166]GEGDFLAEGGGVR	8.67	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	0.8	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr08.1815	3							ADS[69]GEGDFLAEGGGVR	7.04	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	0.2	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr08.2748	2				VSSENSNPEQDLKLTS[166]EEESQRLK	1.55E-06	4.09E-01			#	0	1	0	1				VSSENSNPEQDLKLTS[166]EEESQRLK	VSSENSNPEQDLKLTSEEES[166]QRLK	-1.9	3	4.4	-	0	-	-	0	-	-	-	-
EXP1	fp_exp1_lap_Fr08.2945	2	GS[166]LFYLCTTS[69]GVCVKKIRALANHHDLLVK	3.00	3.82						#	1	0	0	1				GS[166]LFYLCTTS[69]GVCVKKIRALANHHDLLVK	GSLFY[243]LCTTS[69]GVCVKKIRALANHHDLLVK	1.3	3	0.0	41.9	0	1	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr08.3745	2	S[166]RHSLLERSHRSPSERRS[166]HR	3.85	4.42						#	1	0	0	1				S[166]RHSLLERSHRSPSERRS[166]HR	S[166]RHSLLERSHRSPSERRS[166]HR	1.9	3	3.6	44.6	0	1	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr09.1354	2	CDSSPDS[166]AEDVRK	3.17	3.94				CDSSPDS[166]AEDVRK	7.93	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-1.9	2	36.2	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1374	2				CDSSPDS[166]AEDVRK	5.05E-07	7.03E-02			#	0	1	0	1				CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-1.2	3	47.9	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.1375	3				CDSSPDS[69]AEDVRK	3.07E-08	3.82E-03	CDSSPDS[69]AEDVRK	7.60	#	0	1	1	2			X	CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.0	3	49.8	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1432	2	TPAFAESVT[181]EGDVR	3.22	3.44						#	1	0	0	1				TPAFAESVT[181]EGDVR	TPAFAESVT[181]EGDVR	-0.8	2	9.7	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr09.1450	2	CDSSPDS[166]AEDVR	4.25	5.73				CDSSPDS[166]AEDVR	9.41	#	1	0	1	2		X		CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.9	2	49.4	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1458	2	VRES[166]DEETQIK	4.32	6.18	VRES[166]DEETQIK	2.69E-07	3.09E-02	VRES[166]DEETQIK	8.99	#	1	1	1	3	X	X	X	VRES[166]DEETQIK	VRES[166]DEETQIK	-0.4	2	55.5	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1459	3	KQQIAEKTELK	2.93	4.00	VRES[69]DEETQIK	4.15E-08	4.16E-03	VRES[69]DEETQIK	8.96	#	1	1	1	3			X	VRES[69]DEETQIK	VRES[69]DEETQIK	-0.5	2	82.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1523	2	ETTCSKES[166]NEELTESCETK	3.79	3.43				ET[181]TCSKESNEELTESCETK	8.26	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	26.5	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr09.1524	3	ETTCSKES[69]NEELTESCETK	4.19	4.24	ETTCSKES[69]NEELTESCETK	5.03E-08	1.16E-02	ETTCSKES[69]NEELTESCETK	8.54	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.5	2	49.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1564	2	ETTCSKES[166]NEELTESCETK	4.69	3.33	ETTCSKES[166]NEELTESCETK	1.54E-09	3.70E-04			#	1	1	0	2	X			ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.8	3	19.0	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.1574	2				ATEDEGS[166]EQKIPEATNR	6.08E-10	1.15E-04	ATEDEGS[166]EQKIPEATNR	8.03	#	0	1	1	2			X	ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	-0.1	2	38.2	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1575	3	ATEDEGS[69]EQKIPEATNR	3.89	4.34				ATEDEGS[69]EQKIPEATNR	10.73	#	1	0	1	2		X		ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.6	2	32.5	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1576	2				ATEDEGS[166]EQKIPEATNR	4.42E-12	8.45E-07	ATEDEGS[166]EQKIPEATNR	7.97	#	0	1	1	2			X	ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	-1.8	3	40.1	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1577	3				ATEDEGS[69]EQKIPEATNR	1.98E-06	3.60E-01			#	0	1	0	1				ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.8	3	32.2	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.1591	2	RLLCNGDNDCGDQS[166]DEANCR	5.41	7.17	RLLCNGDNDCGDQS[166]DEANCR	7.08E-13	1.74E-07	RLLCNGDNDCGDQS[166]DEANCR	11.04	#	1	1	1	3	X	X	X	RLLCNGDNDCGDQS[166]DEANCR	RLLCNGDNDCGDQS[166]DEANCR	-1.3	3	-	-	-	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1638	2	HIQETEWQS[166]QEGK	4.94	6.24	HIQETEWQS[166]QEGK	1.51E-06	2.40E-01	HIQETEWQS[166]QEGK	9.91	#	1	1	1	3	X	X	X	HIQETEWQS[166]QEGK	HIQETEWQS[166]QEGK	-0.7	2	59.2	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1639	3	HIQETEWQS[69]QEGK	4.68	6.81	HIQETEWQS[69]QEGK	4.53E-12	6.58E-07	HIQETEWQS[69]QEGK	11.94	#	1	1	1	3	X	X	X	HIQETEWQS[69]QEGK	HIQETEWQS[69]QEGK	-0.1	2	87.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1664	2	ETTCSKES[166]NEELTESCETK	4.42	3.31	ETTCSKES[166]NEELTESCETK	1.74E-07	4.18E-02	ETTCS[166]KESNEELTESCETK	8.03	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.8	2	28.6	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.1665	3	ETTCSKES[69]NEELTESCETK	4.77	4.34	ETTCSKES[69]NEELTESCETK	1.18E-07	2.73E-02	ETT[83]CSKESNEELTESCETK	8.56	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	28.4	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.1667	2	RPGGEPSPEGTTGQSYNQYS[166]QR	6.44	4.30	RPGGEPSPEGTTGQSYNQYS[166]QR	0.00E+00	6.32E-11	RPGGEPSPEGTTGQSYNQYS[166]QR	8.43	#	1	1	1	3	X	X	X	RPGGEPSPEGTTGQSYNQYS[166]QR	RPGGEPSPEGTTGQSYNQYS[166]QR	-1.5	3	29.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1668	3	RPGGEPSPEGTTGQSYNQYS[69]QR	5.21	4.96	RPGGEPSPEGTTGQSYNQYS[69]QR	7.61E-10	1.87E-04	RPGGEPSPEGTTGQSYNQYS[69]QR	7.25	#	1	1	1	3	X	X	X	RPGGEPSPEGTTGQSYNQYS[69]QR	RPGGEPSPEGTTGQSYNQYS[69]QR	-1.1	3	46.2	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1685	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	5.08	6.52	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	3.17E-12	8.31E-07			#	1	1	0	2	X			VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-1.0	3	-	-	-	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.1686	3	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	4.36	4.79	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	5.44E-09	1.43E-03	VVQAPKEEEEDEQEAS[166]EEKASEEEK	7.06	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	-1.5	3	-	-	-	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.1688	3				ES[69]FGGSS[166]EIVDQLEVEIRNMT[83]LLVEK	2.81E-07	7.39E-02			#	0	1	0	1				ES[69]FGGSS[166]EIVDQLEVEIRNMT[83]LLVEK	ES[69]FGGSS[166]EIVDQLEVEIRNMT[83]LLVEK	-1.3	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr09.1707	2	ETTCSKES[166]NEELTESCETK	4.77	3.60	ETTCSKES[166]NEELTESCETK	1.59E-10	3.86E-05			#	1	1	0	2	X			ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	3	15.7	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.1744	2	KQLGAGS[166]IEECAAK	5.99	7.54	KQLGAGS[166]IEECAAK	9.18E-11	1.24E-05	KQLGAGS[166]IEECAAK	9.59	#	1	1	1	3	X	X	X	KQLGAGS[166]IEECAAK	KQLGAGS[166]IEECAAK	-1.7	2	-	-	-	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1745	3	KQLGAGS[69]IEECAAK	4.33	6.45	KQLGAGS[69]IEECAAK	1.80E-14	2.13E-09	KQLGAGS[69]IEECAAK	12.01	#	1	1	1	3	X	X	X	KQLGAGS[69]IEECAAK	KQLGAGS[69]IEECAAK	-1.5	2	-	-	-	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1746	2	ARISAS[166]AEELR	3.24	7.13						#	1	0	0	1				ARISAS[166]AEELR	ARISAS[166]AEELR	-0.7	2	18.5	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr09.1747	3	ARISAS[69]AEELR	3.47	4.96	ARISAS[69]AEELR	5.67E-08	4.93E-03	ARISAS[69]AEELR	8.70	#	1	1	1	3	X	X	X	ARISAS[69]AEELR	ARISAS[69]AEELR	-0.6	2	30.8	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1757	2	KAAIS[166]GENAGLVR	2.51	4.93						#	1	0	0	1				KAAIS[166]GENAGLVR	KAAIS[166]GENAGLVR	-0.9	2	-	-	-	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr09.1758	3	KAAIS[69]GENAGLVR	3.05	5.48	KAAIS[69]GENAGLVR	7.48E-08	7.24E-03	KAAIS[69]GENAGLVR	6.98	#	1	1	1	3	X	X	X	KAAIS[69]GENAGLVR	KAAIS[69]GENAGLVR	-0.6	2	-	-	-	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1818	2	ETTCSKES[166]NEELTESCETK	3.85	5.73				ET[181]TCSKESNEELTESCETK	7.31	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	2	34.9	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr09.1843	2							HPNSPLDEENLT[181]QENQDR	11.46	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	-0.6	2	117.3	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr09.1844	2							HPNSPLDEENLT[181]QENQDR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1850	3							HPNSPLDEENLT[83]QENQDR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]				HPNSPLDEENLT[83]QENQDR	HPNSPLDEENLT[83]QENQDR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1865	2	GSPKES[69]MEAS[166]PEAMVRASPKTSLEASMEASPK	[illegible]	[illegible]						#	[illegible]	[illegible]	[illegible]	[illegible]				GSPKES[69]MEAS[166]PEAMVRASPKTSLEASMEASPK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1866	3	DSQFLAPDVT[181]S[181]TQVNTVVSGALDRLHY[243]EK	[illegible]	[illegible]						#	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1893	2							MNFRPGVLS[166]SR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]				MNFRPGVLS[166]SR	MNFRPGVLS[166]SR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1894	2	M[147]NFRPGVLS[69]SR	[illegible]	[illegible]				MNFRPGVLS[69]SR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1895	2							HPNS[166]PLDEENLTQENQDR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]				HPNS[166]PLDEENLTQENQDR	HPNS[166]PLDEENLTQENQDR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1959	2	ETTCSKES[166]NEELTESCETK	[illegible]	[illegible]	ETTCSKES[166]NEELTESCETK	[illegible]	[illegible]	ET[181]TCSKESNEELTESCETK	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1960	3	ETTCSKES[69]NEELTESCETK	[illegible]	[illegible]						#	[illegible]	[illegible]	[illegible]	[illegible]				ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1961	2	THLAPYS[166]DELR	[illegible]	[illegible]	THLAPYS[166]DELR	[illegible]	[illegible]	THLAPYS[166]DELR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	THLAPYS[166]DELR	THLAPYS[166]DELR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1962	3	THLAPYS[69]DELR	[illegible]	[illegible]	THLAPYS[69]DELR	[illegible]	[illegible]	THLAPYS[69]DELR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	THLAPYS[69]DELR	THLAPYS[69]DELR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1981	3	RQSEDS[69]TFYLGER	[illegible]	[illegible]	RQSEDS[69]TFYLGER	[illegible]	[illegible]	RQSEDS[69]TFYLGER	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	RQSEDS[69]TFYLGER	RQSEDS[69]TFYLGER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1983	2							HPNSPLDEENLT[181]QENQDR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.1984	3							HPNSPLDEENLT[83]QENQDR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]				HPNSPLDEENLT[83]QENQDR	HPNSPLDEENLT[83]QENQDR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.2010	2	FSVVYAKCDSSPDS[166]AEDVR	[illegible]	[illegible]	FSVVYAKCDSSPDS[166]AEDVR	[illegible]	[illegible]	FSVVYAKCDSSPDS[166]AEDVR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	FSVVYAKCDSSPDS[166]AEDVR	FSVVYAKCDSSPDS[166]AEDVR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.2011	3	FSVVYAKCDSSPDS[69]AEDVR	[illegible]	[illegible]	FSVVYAKCDSSPDS[69]AEDVR	[illegible]	[illegible]	FSVVYAKCDSSPDS[69]AEDVR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	FSVVYAKCDSSPDS[69]AEDVR	FSVVYAKCDSSPDS[69]AEDVR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.2012	[illegible]	FSVVYAKCDSSPDS[166]AEDVR	[illegible]	[illegible]	FSVVYAKCDSSPDS[166]AEDVR	[illegible]	[illegible]	FSVVYAKCDSSPDS[166]AEDVR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	FSVVYAKCDSSPDS[166]AEDVR	FSVVYAKCDSSPDS[166]AEDVR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.2080	3							MNFRPGVLSS[69]R	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]				MNFRPGVLSS[69]R	MNFRPGVLSS[69]R	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.2112	2	ETTCSKES[166]NEELTESCETK	[illegible]	[illegible]						#	[illegible]	[illegible]	[illegible]	[illegible]				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.2156	2							QES[166]QSEEIDCNDKDLFK	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]				QES[166]QSEEIDCNDKDLFK	QES[166]QSEEIDCNDKDLFK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.2183	2	RIPIEDGS[166]GEVVLSR	[illegible]	[illegible]	RIPIEDGS[166]GEVVLSR	[illegible]	[illegible]	RIPIEDGS[166]GEVVLSR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	RIPIEDGS[166]GEVVLSR	RIPIEDGS[166]GEVVLSR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXP1	fp_exp1_lap_Fr09.2184	3	RIPIEDGS[69]GEVVLSR	[illegible]	[illegible]	RIPIEDGS[69]GEVVLSR	[illegible]	[illegible]	RIPIEDGS[69]GEVVLSR	[illegible]	#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	RIPIEDGS[69]GEVVLSR	RIPIEDGS[69]GEVVLSR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

EXP1	fp_exp1_lap_Fr09.2189	2				CPGDGDDDPQLSWVASSPSS[166]K	2.03E-06	4.82E-01			#	0	1	0	1				CPGDGDDDPQLSWVASSPSS[166]K	CPGDGDDDPQLSWVASSPS[166]SK	-2.0	3	0.0	-	0	-	-	0	-	-	-	-
EXP1	fp_exp1_lap_Fr09.2224	2	KNEIDLESELKS[166]EQVTE	4.65	4.81				KNEIDLESELKSEQVT[181]E	7.41	#	1	0	1	2		X		KNEIDLESELKS[166]EQVTE	KNEIDLESELKS[166]EQVTE	-0.8	2	28.7	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr09.2225	3	KNEIDLESELKS[69]EQVTE	4.89	4.22				KNEIDLESELKS[69]EQVTE	9.89	#	1	0	1	2		X		KNEIDLESELKS[69]EQVTE	KNEIDLESELKS[69]EQVTE	-0.6	2	28.7	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr09.2283	2	ETTCSKES[166]NEELTESCETK	4.20	3.47				ET[181]TCSKESNEELTESCETK	6.80	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.7	2	29.3	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr09.2359	2				ETTCSKES[166]NEELTESCETK	1.29E-07	3.12E-02			#	0	1	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	3	19.0	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.2392	2				HNGPNDAS[166]DGT[83]VR	2.16E-06	2.46E-01			#	0	1	0	1				HNGPNDAS[166]DGT[83]VR	HNGPNDAS[166]DGT[83]VR	1.3	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.2434	2	ETTCSKES[166]NEELTESCETK	4.27	3.47						#	1	0	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.7	2	22.7	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr09.2513	2				S[166]FQAITPQDLRS[69]YVLQGS[166]VR	3.41E-06	8.34E-01			#	0	1	0	1				S[166]FQAITPQDLRS[69]YVLQGS[166]VR	S[166]FQAITPQDLRS[69]YVLQGS[166]VR	-1.7	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr09.2612	2	ETTCSKES[166]NEELTESCETK	3.98	6.17				ETTCS[166]KESNEELTESCETK	7.16	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	2	28.4	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr09.2687	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	5.58	6.63	TNTNVNCPIECFMPLDVQADREDS[166]RE	2.21E-11	5.74E-06			#	1	1	0	2	X			TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-1.2	3	111.7	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.2756	2	ETTCSKES[166]NEELTESCETK	3.98	3.89	ETTCSKES[166]NEELTESCETK	3.09E-06	7.47E-01	ETTCS[166]KESNEELTESCETK	7.14	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	50.2	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.2901	2	ETTCSKES[166]NEELTESCETK	4.17	6.37	ETTCSKES[166]NEELTESCETK	1.40E-07	3.38E-02	ETTCS[166]KESNEELTESCETK	7.57	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	53.5	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.2902	3	ETTCSKES[69]NEELTESCETK	4.02	3.99	ETTCSKES[69]NEELTESCETK	8.46E-08	1.96E-02			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.6	2	25.2	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.2930	2				ETTCSKES[166]NEELTESCETK	4.64E-07	1.12E-01	ETTCS[166]KESNEELTESCETK	6.76	#	0	1	1	2			X	ETTCS[166]KESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	3	13.2	-	0	-	-	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.3046	2	ETTCSKES[166]NEELTESCETK	4.39	3.51				ETTCS[166]KESNEELTESCETK	7.45	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.8	2	27.1	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr09.3047	3	ETTCSKES[69]NEELTESCETK	4.08	4.14	ETTCSKES[69]NEELTESCETK	8.75E-08	2.02E-02	ETTCSKES[69]NEELTESCETK	8.02	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.5	2	43.5	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr09.3075	2	ETTCSKES[166]NEELTESCETK	4.57	3.73	ETTCSKES[166]NEELTESCETK	6.51E-10	1.58E-04	ETTCS[166]KESNEELTESCETK	6.83	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	3	28.2	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.3191	2	ETTCSKES[166]NEELTESCETK	3.90	3.66				ETTCS[166]KESNEELTESCETK	8.00	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	2	40.6	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr09.3192	3	ETTCSKES[69]NEELTESCETK	4.53	4.10	ETTCSKES[69]NEELTESCETK	2.92E-10	6.75E-05			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.5	2	37.8	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.3226	2				ETTCSKES[166]NEELTESCETK	5.27E-10	1.27E-04			#	0	1	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	3	26.0	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr09.3337	2	ETTCSKES[166]NEELTESCETK	4.76	3.49	ETTCSKES[166]NEELTESCETK	1.96E-07	4.70E-02	ET[181]TCSKESNEELTESCETK	8.01	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.8	2	37.5	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.3338	3	ETTCS[69]KESNEELTESCETK	3.16	3.41				ETTCSKES[69]NEELTESCETK	6.65	#	1	0	1	2		X		ETTCS[69]KESNEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	16.0	-	0	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr09.3365	2	ET[181]TCSKESNEELTESCETK	4.10	4.20	ETTCSKES[166]NEELTESCETK	3.80E-07	9.12E-02			#	1	1	0	2	X			ET[181]TCSKESNEELTESCETK	ETTCS[166]KESNEELTESCETK	-1.8	3	8.0	-	0	-	0	0	-	-	-	-
EXP1	fp_exp1_lap_Fr09.3482	2	ETTCSKES[166]NEELTESCETK	4.06	3.51	ETTCSKES[166]NEELTESCETK	3.35E-06	8.11E-01	ETTCS[166]KESNEELTESCETK	7.70	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.0	2	44.4	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.3483	3	ETTCSKES[69]NEELTESCETK	3.36	3.43						#	1	0	0	1				ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	23.5	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr09.3510	2				ETTCSKES[166]NEELTESCETK	1.63E-09	3.92E-04			#	0	1	0	1				ETTCSKES[166]NEELTESCETK	ETTCS[166]KESNEELTESCETK	-1.5	3	9.4	-	0	-	-	0	-	-	-	-
EXP1	fp_exp1_lap_Fr09.3627	2	ETTCSKES[166]NEELTESCETK	4.59	3.59	ETTCSKES[166]NEELTESCETK	1.64E-06	3.93E-01	ETTCS[166]KESNEELTESCETK	7.42	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.6	2	34.9	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.3656	2	ETTCSKES[166]NEELTESCETK	4.41	4.02	ETTCSKES[166]NEELTESCETK	2.11E-09	5.11E-04	ETTCS[166]KESNEELTESCETK	7.21	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	3	18.9	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr09.3779	2							ET[181]TCSKESNEELTESCETK	6.84	#	0	0	1	1				ET[181]TCSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.6	2	17.8	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr09.3780	2	ETTCSKES[166]NEELTESCETK	4.52	2.93						#	1	0	0	1				ETTCSKES[166]NEELTESCETK	N/A	-1.6	2	-	-	-	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr09.3970	2	ETTCSKES[166]NEELTESCETK	4.39	3.24				ETTCS[166]KESNEELTESCETK	6.61	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.9	2	39.3	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr09.3971	3	ETTCSKES[69]NEELTESCETK	3.33	3.45						#	1	0	0	1				ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.5	2	16.0	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr10.1321	2							ETTCS[166]KESNEELTESCETKK	7.25	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-1.1	3	6.7	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr10.1322	3	ETTCSKES[69]NEELTESCETKK	3.89	3.16	ETTCSKES[69]NEELTESCETKK	1.72E-09	4.13E-04	ET[83]TCSKESNEELTESCETKK	6.84	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.5	3	9.6	-	0	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr10.1390	2	ETTCSKES[166]NEELTESCETK	4.87	4.27	ETTCSKES[166]NEELTESCETK	1.02E-07	2.47E-02	ETTCS[166]KESNEELTESCETK	7.03	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	0.3	3	8.1	-	0	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr10.1391	2							ETTCS[166]KESNEELTESCETKK	7.64	#	0	0	1	1				ETTCS[166]KESNEELTESCETK	ETTCS[166]KESNEELTESCETK	-0.3	2	11.3	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr10.1506	2	HIQETEWQS[166]QEGK	4.48	6.66				HIQETEWQS[166]QEGK	7.56	#	1	0	1	2		X		HIQETEWQS[166]QEGK	HIQETEWQS[166]QEGK	-0.1	2	52.0	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr10.1507	3	HIQETEWQS[69]QEGK	3.64	5.88	HIQETEWQS[69]QEGK	3.15E-10	4.56E-05			#	1	1	0	2	X			HIQETEWQS[69]QEGK	HIQETEWQS[69]QEGK	-0.1	2	97.7	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr10.1560	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	5.09	5.71						#	1	0	0	1				VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	0.0	3	-	-	-	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr10.1561	3				VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	9.94E-07	2.59E-01			#	0	1	0	1				VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	-0.8	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr10.1578	3				INQEAT[181]PGDIVEKLGADAKILSNVIS[69]K	1.47E-06	3.89E-01			#	0	1	0	1				INQEAT[181]PGDIVEKLGADAKILSNVIS[69]K	INQEAT[181]PGDIVEKLGADAKILSNVIS[69]K	-1.6	3	36.3	5.3	1	0	-	1	-	-	1	-
EXP1	fp_exp1_lap_Fr10.1593	2	VVQAPKEEEEDEQEAS[166]EEKASEEEK	3.87	3.65						#	1	0	0	1				VVQAPKEEEEDEQEAS[166]EEKASEEEK	VVQAPKEEEEDEQEAS[166]EEKASEEEK	0.0	3	31.4	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr10.1594	3				VVQAPKEEEEDEQEAS[69]EEKASEEEK	1.44E-10	3.91E-05			#	0	1	0	1				VVQAPKEEEEDEQEAS[69]EEKASEEEK	VVQAPKEEEEDEQEAS[69]EEKASEEEK	-0.9	3	33.0	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr10.1613	2	DQGNQEQDPNIS[166]NGEEEEEKEPGEVGTHNDNQER	4.86	4.95	DQGNQEQDPNIS[166]NGEEEEEKEPGEVGTHNDNQER	1.20E-14	2.65E-09	DQGNQEQDPNIS[166]NGEEEEEKEPGEVGTHNDNQER	7.22	#	1	1	1	3	X	X	X	DQGNQEQDPNIS[166]NGEEEEEKEPGEVGTHNDNQER	DQGNQEQDPNIS[166]NGEEEEEKEPGEVGTHNDNQER	0.2	3	59.2	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr10.1614	3				DQGNQEQDPNIS[69]NGEEEEEKEPGEVGTHNDNQER	1.65E-06	3.73E-01			#	0	1	0	1				DQGNQEQDPNIS[69]NGEEEEEKEPGEVGTHNDNQER	DQGNQEQDPNIS[69]NGEEEEEKEPGEVGTHNDNQER	-1.1	3	8.3	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr10.1697	3	GRCFES[69]FER	2.92	5.18				GRCFES[69]FER	7.61	#	1	0	1	2		X		GRCFES[69]FER	GRCFES[69]FER	0.0	2	-	-	-	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr10.1724	2							HPNSPLDEENLT[181]QENQDR	9.01	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	0.2	3	119.2	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr10.1728	2							HPNSPLDEENLT[181]QENQDR	9.42	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	-1.2	2	56.2	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr10.1905	2				GT[181]QEIAEGLS[166]EKS[166]GK	8.34E-07	1.41E-01			#	0	1	0	1				GT[181]QEIAEGLS[166]EKS[166]GK	GT[181]QEIAEGLS[166]EKS[166]GK	-1.0	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr10.2045	2				GPS[69]LLNANLLDS[166]LWDTFQNK	2.45E-06	5.75E-01			#	0	1	0	1				GPS[69]LLNANLLDS[166]LWDTFQNK	GPS[69]LLNANLLDS[166]LWDTFQNK	-0.8	3	25.9	35.1	1	1	-	1	-	-	1	-
EXP1	fp_exp1_lap_Fr10.2525	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	6.25	6.57	TNTNVNCPIECFMPLDVQADREDS[166]RE	8.70E-14	2.26E-08	TNTNVNCPIECFMPLDVQADREDS[166]RE	7.82	#	1	1	1	3	X	X	X	TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	-1.7	3	186.7	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1328	2							CDSSPDS[166]AEDVRK	7.04	#	0	0	1	1				CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.2	2	28.7	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1430	2							ETTCS[166]KESNEELTESCETKK	7.78	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-2.0	3	6.7	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1431	3	ETTCSKES[69]NEELTESCETKK	4.27	3.19	ETTCSKES[69]NEELTESCETKK	6.78E-07	1.63E-01	ETT[83]CSKESNEELTESCETKK	9.28	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.0	3	17.2	-	0	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr11.1436	2	ETTCSKES[166]NEELTESCETKK	3.33	5.28						#	1	0	0	1				ETTCSKES[166]NEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-1.0	2	18.4	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.1437	3	ETTCSKES[69]NEELTESCETKK	4.25	4.57	ET[83]TCSKESNEELTESCETKK	1.08E-06	2.60E-01	ET[83]TCSKESNEELTESCETKK	9.05	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETT[83]CSKESNEELTESCETKK	-0.7	2	0.0	-	0	-	0	0	0	-	-	-
EXP1	fp_exp1_lap_Fr11.1497	2							ET[181]TCSKESNEELTESCETK	8.26	#	0	0	1	1				ET[181]TCSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.7	2	56.7	-	1	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr11.1498	3	ETTCSKES[69]NEELTESCETK	4.16	3.60	ETTCSKES[69]NEELTESCETK	4.51E-07	1.04E-01	ETTCSKES[69]NEELTESCETK	8.10	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.6	2	28.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1548	2				ATEDEGS[166]EQKIPEATNR	1.05E-07	2.00E-02			#	0	1	0	1				ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	-1.7	2	35.0	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr11.1549	3	ATEDEGS[69]EQKIPEATNR	4.19	5.08				ATEDEGS[69]EQKIPEATNR	9.97	#	1	0	1	2		X		ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.6	2	54.5	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1550	2				ATEDEGS[166]EQKIPEATNR	2.17E-10	4.14E-05	ATEDEGS[166]EQKIPEATNR	6.85	#	0	1	1	2			X	ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	-1.9	3	22.5	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1603	2				NY[243]S[69]WDDQCS[69]AVEVGEKK	1.42E-06	2.93E-01			#	0	1	0	1				NY[243]S[69]WDDQCS[69]AVEVGEKK	NY[243]S[69]WDDQCS[69]AVEVGEKK	-1.1	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr11.1668	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	4.11	4.58						#	1	0	0	1				VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-1.1	3	-	-	-	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.1669	3				VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	5.06E-07	1.33E-01			#	0	1	0	1				VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	-1.4	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr11.1672	3				ES[69]FGGSS[166]EIVDQLEVEIRNMT[83]LLVEK	1.39E-06	3.64E-01			#	0	1	0	1				ES[69]FGGSS[166]EIVDQLEVEIRNMT[83]LLVEK	ES[69]FGGSS[166]EIVDQLEVEIRNMT[83]LLVEK	-1.4	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.1687	3	AT[181]NKQMREEDQEEAAKRRKM[147]SQK	5.41	4.25						#	1	0	0	1				AT[181]NKQMREEDQEEAAKRRKM[147]SQK	AT[181]NKQMREEDQEEAAKRRKM[147]SQK	0.1	3	96.1	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.1689	2	VVQAPKEEEEDEQEAS[166]EEKASEEEK	5.56	4.38	VVQAPKEEEEDEQEAS[166]EEKASEEEK	4.40E-08	1.19E-02	VVQAPKEEEEDEQEAS[166]EEKASEEEK	6.88	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[166]EEKASEEEK	VVQAPKEEEEDEQEAS[166]EEKASEEEK	-0.8	3	49.9	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1690	3	VVQAPKEEEEDEQEASEEKAS[69]EEEK	4.54	4.65	VVQAPKEEEEDEQEAS[69]EEKASEEEK	2.29E-11	6.16E-06			#	1	1	0	2	X			VVQAPKEEEEDEQEASEEKAS[69]EEEK	VVQAPKEEEEDEQEAS[69]EEKASEEEK	-1.4	3	19.1	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr11.1846	3							HPNSPLDEENLT[83]QENQDR	8.91	#	0	0	1	1				HPNSPLDEENLT[83]QENQDR	HPNSPLDEENLT[83]QENQDR	-1.0	3	78.7	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1847	2							HPNSPLDEENLT[181]QENQDR	11.60	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	-1.7	2	103.1	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1848	3							HPNSPLDEENLT[83]QENQDR	9.80	#	0	0	1	1				HPNSPLDEENLT[83]QENQDR	HPNSPLDEENLT[83]QENQDR	-1.5	2	85.1	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1902	2	FSVVYAKCDSSPDS[166]AEDVRK	4.64	4.98	FSVVYAKCDSSPDS[166]AEDVRK	5.53E-12	1.33E-06	FSVVYAKCDSSPDS[166]AEDVRK	8.92	#	1	1	1	3	X	X	X	FSVVYAKCDSSPDS[166]AEDVRK	FSVVYAKCDSSPDS[166]AEDVRK	-1.2	3	95.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1903	3	FSVVYAKCDSSPDS[69]AEDVRK	4.90	6.92	FSVVYAKCDSSPDS[69]AEDVRK	1.08E-10	2.51E-05	FSVVYAKCDSSPDS[69]AEDVRK	9.02	#	1	1	1	3	X	X	X	FSVVYAKCDSSPDS[69]AEDVRK	FSVVYAKCDSSPDS[69]AEDVRK	-1.1	3	81.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1922	2	EHANS[166]KQEEDNTQSDDILEESDQPTQVSK	4.70	3.44	EHANS[166]KQEEDNTQSDDILEESDQPTQVSK	5.51E-08	1.42E-02	EHANS[166]KQEEDNTQSDDILEESDQPTQVSK	7.09	#	1	1	1	3	X	X	X	EHANS[166]KQEEDNTQSDDILEESDQPTQVSK	EHANS[166]KQEEDNTQSDDILEESDQPTQVSK	-1.3	3	15.2	-	0	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr11.1976	2	FTPTET[181]NKAEQCCEETASSISLHGK	3.31	3.63						#	1	0	0	1				FTPTET[181]NKAEQCCEETASSISLHGK	FTPTETNKAEQCCEETAS[166]SISLHGK	-1.4	3	15.3	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.2005	2				ETFNLYY[243]AES[69]DLDYGT[83]NFQK	2.11E-08	5.17E-03			#	0	1	0	1				ETFNLYY[243]AES[69]DLDYGT[83]NFQK	ETFNLYY[243]AES[69]DLDYGT[83]NFQK	-0.4	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.2261	2	SYFEKS[166]KEQLTPLIK	3.13	4.20						#	1	0	0	1				SYFEKS[166]KEQLTPLIK	SYFEKS[166]KEQLTPLIK	-0.5	2	25.6	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.2262	3				SYFEKS[69]KEQLTPLIK	2.95E-06	5.11E-01			#	0	1	0	1				SYFEKS[69]KEQLTPLIK	SYFEKS[69]KEQLTPLIK	-0.7	2	20.4	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr11.2275	3	SYFEKS[69]KEQLTPLIK	3.75	3.92	SYFEKS[69]KEQLTPLIK	1.35E-08	2.35E-03			#	1	1	0	2	X			SYFEKS[69]KEQLTPLIK	SYFEKS[69]KEQLTPLIK	-1.0	3	37.4	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr11.2454	2	FKPTLSQQQKS[166]PEQQETVLDGNLIIR	4.01	3.40	FKPTLSQQQKS[166]PEQQETVLDGNLIIR	1.29E-08	3.39E-03			#	1	1	0	2	X			FKPTLSQQQKS[166]PEQQETVLDGNLIIR	FKPTLSQQQKS[166]PEQQETVLDGNLIIR	-1.4	3	17.7	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr11.3123	2				TS[166]PKTGAPVAT[83]NNQS[69]R	5.14E-06	7.93E-01			#	0	1	0	1				TS[166]PKTGAPVAT[83]NNQS[69]R	TS[166]PKTGAPVAT[83]NNQS[69]R	-1.7	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.3380	2	GIAQRTFSRALT[181]NKK	2.03	4.68						#	1	0	0	1				GIAQRTFSRALT[181]NKK	GIAQRTFSRALT[181]NKK	-0.1	3	3.2	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.3870	2				ES[69]LTPGREENPS[166]S[166]VLAQER	3.06E-07	7.01E-02			#	0	1	0	1				ES[69]LTPGREENPS[166]S[166]VLAQER	ES[69]LTPGREENPS[166]S[166]VLAQER	-1.1	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.3903	2	ETTCSKES[166]NEELTESCETK	2.88	3.77						#	1	0	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.5	2	10.6	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr11.3904	3	ETTCSKES[69]NEELTESCETK	3.01	4.50	ETTCSKES[69]NEELTESCETK	1.24E-06	2.86E-01			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	14.1	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1077	2	CDSSPDS[166]AEDVRK	3.43	5.27				CDSSPDS[166]AEDVRK	8.64	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.1	2	33.2	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1181	2	ETTCS[166]KESNEELTESCETKK	3.66	4.00						#	1	0	0	1				ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-0.9	3	9.4	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1182	3	ETTCSKES[69]NEELTESCETKK	4.24	3.30	ETTCSKES[69]NEELTESCETKK	5.21E-09	1.25E-03			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.4	3	12.2	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1191	3				ETTCSKES[69]NEELTESCETKK	5.38E-08	1.30E-02	ETT[83]CSKESNEELTESCETKK	10.38	#	0	1	1	2			X	ETT[83]CSKESNEELTESCETKK	ETTCS[69]KESNEELTESCETKK	-1.1	2	28.7	-	1	-	-	0	0	-	-	-
EXP1	fp_exp1_lap_Fr12.1299	2	SRHLAQAS[166]QELQ	5.02	7.19	SRHLAQAS[166]QELQ	2.26E-07	2.79E-02	SRHLAQAS[166]QELQ	6.68	#	1	1	1	3	X	X	X	SRHLAQAS[166]QELQ	SRHLAQAS[166]QELQ	-1.1	2	84.7	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1300	3	SRHLAQAS[69]QELQ	3.81	5.97	SRHLAQAS[69]QELQ	3.96E-10	4.32E-05			#	1	1	0	2	X			SRHLAQAS[69]QELQ	SRHLAQAS[69]QELQ	-1.0	2	148.5	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1318	2							ETTCS[166]KESNEELTESCETKK	7.39	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-1.2	3	6.8	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1319	3	ETTCSKES[69]NEELTESCETKK	4.09	4.18	ETTCSKES[69]NEELTESCETKK	8.66E-12	2.08E-06	ETTCS[69]KESNEELTESCETKK	9.03	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.5	3	30.9	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr12.1321	2							TPMTNYT[181]TVRR	7.07	#	0	0	1	1				TPMTNYT[181]TVRR	TPMTNY[243]TTVRR	-0.9	2	0.0	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr12.1346	3				ETTCSKES[69]NEELTESCETKK	5.13E-08	1.25E-02			#	0	1	0	1				ETTCSKES[69]NEELTESCETKK	ETTCSKESNEELT[83]ESCETKK	0.8	3	15.6	-	0	-	-	0	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1489	2							ETTCS[166]KESNEELTESCETKK	7.23	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-1.6	3	6.7	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1490	3	ETTCSKES[69]NEELTESCETKK	3.80	3.69	ETTCSKES[69]NEELTESCETKK	1.00E-09	2.41E-04	ETTCSKES[69]NEELTESCETK	6.87	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.6	3	45.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1643	3				ETTCSKES[69]NEELTESCETKK	7.71E-09	1.86E-03			#	0	1	0	1				ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.8	3	9.3	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1671	2				HPS[166]LAS[166]S[166]GVNGGTQLSILSK	7.68E-08	1.73E-02			#	0	1	0	1				HPS[166]LAS[166]S[166]GVNGGTQLSILSK	HPS[166]LAS[166]S[166]GVNGGTQLSILSK	-0.5	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1677	2	FSVVYAKCDSSPDS[166]AEDVRK	4.40	4.25	FSVVYAKCDS[166]SPDSAEDVRK	4.19E-10	1.00E-04	FSVVYAKCDSSPDS[166]AEDVRK	8.58	#	1	1	1	3	X	X	X	FSVVYAKCDSSPDS[166]AEDVRK	FSVVYAKCDSSPDS[166]AEDVRK	-0.3	2	39.1	-	1	-	0	0	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1678	3				FSVVYAKCDSSPDS[69]AEDVRK	1.37E-09	3.18E-04	FSVVYAKCDSSPDS[69]AEDVRK	8.22	#	0	1	1	2			X	FSVVYAKCDSSPDS[69]AEDVRK	FSVVYAKCDSSPDS[69]AEDVRK	-1.0	2	46.9	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1681	2	IERDS[166]REHEEPTTSEMAEETY[243]SPK	3.69	3.03	IERDS[166]REHEEPTTS[166]EMAEETYSPK	5.02E-08	1.34E-02	IERDS[166]REHEEPTTS[166]EMAEETYSPK	8.35	#	1	1	1	3	X	X	X	IERDS[166]REHEEPTTSEMAEETY[243]SPK	IERDS[166]REHEEPTTS[166]EMAEETYSPK	-1.0	3	67.3	0.0	1	0	0	1	1	0	1	1
EXP1	fp_exp1_lap_Fr12.1688	2	FSVVYAKCDSSPDS[166]AEDVRK	4.75	5.31	FSVVYAKCDSSPDS[166]AEDVRK	1.80E-10	4.30E-05	FSVVYAKCDSSPDS[166]AEDVRK	8.48	#	1	1	1	3	X	X	X	FSVVYAKCDSSPDS[166]AEDVRK	FSVVYAKCDSSPDS[166]AEDVRK	-0.1	3	43.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1689	3	FSVVYAKCDSSPDS[69]AEDVRK	4.20	4.49	FSVVYAKCDSSPDS[69]AEDVRK	1.02E-10	2.36E-05	FSVVYAKCDSSPDS[69]AEDVRK	8.06	#	1	1	1	3	X	X	X	FSVVYAKCDSSPDS[69]AEDVRK	FSVVYAKCDSSPDS[69]AEDVRK	-0.6	3	53.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1697	3				ETTCSKES[69]NEELTESCETKK	2.25E-06	5.47E-01			#	0	1	0	1				ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	0.3	3	8.0	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1700	2	AFQYHS[166]KEQQCVIMAENR	4.84	3.63	AFQYHS[166]KEQQCVIMAENR	3.00E-15	6.54E-10			#	1	1	0	2	X			AFQYHS[166]KEQQCVIMAENR	AFQYHS[166]KEQQCVIMAENR	-1.5	3	25.2	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1701	3	AFQYHS[69]KEQQCVIMAENR	4.65	7.60	AFQYHS[69]KEQQCVIMAENR	3.00E-15	5.96E-10	AFQYHS[69]KEQQCVIMAENR	8.20	#	1	1	1	3	X	X	X	AFQYHS[69]KEQQCVIMAENR	AFQYHS[69]KEQQCVIMAENR	-0.8	3	-	-	-	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1791	2							REEET[181]ERHEQER	6.67	#	0	0	1	1				REEET[181]ERHEQER	REEET[181]ERHEQER	1.1	2	-	-	-	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1834	2				APDELTLEVGDIVS[166]VIDMPPKVLS[69]TWWR	4.85E-07	1.27E-01			#	0	1	0	1				APDELTLEVGDIVS[166]VIDMPPKVLS[69]TWWR	APDELTLEVGDIVS[166]VIDMPPKVLS[69]TWWR	-1.1	3	26.6	6.1	1	0	-	1	-	-	1	-
EXP1	fp_exp1_lap_Fr12.1841	3				ETTCSKES[69]NEELTESCETKK	3.23E-09	7.77E-04			#	0	1	0	1				ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.4	3	9.6	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1847	2	LLSLGAGEFKS[166]QEHAK	4.08	6.21				LLSLGAGEFKS[166]QEHAK	7.22	#	1	0	1	2		X		LLSLGAGEFKS[166]QEHAK	LLSLGAGEFKS[166]QEHAK	-0.3	2	97.2	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1848	3				LLSLGAGEFKS[69]QEHAK	1.46E-06	2.34E-01	LLSLGAGEFKS[69]QEHAK	9.78	#	0	1	1	2			X	LLSLGAGEFKS[69]QEHAK	LLSLGAGEFKS[69]QEHAK	0.3	2	77.8	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.1990	2				ETTCSKES[166]NEELTESCETKK	8.77E-08	2.14E-02			#	0	1	0	1				ETTCSKES[166]NEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-1.4	3	8.0	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1991	3	ETTCSKES[69]NEELTESCETKK	4.23	3.04	ETTCSKES[69]NEELTESCETKK	6.57E-11	1.58E-05			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.6	3	19.7	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.1999	2	SYFEKS[166]KEQLTPLIK	2.59	5.03						#	1	0	0	1				SYFEKS[166]KEQLTPLIK	SYFEKS[166]KEQLTPLIK	-1.5	3	29.8	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr12.2000	3	SYFEKSKEQLT[83]PLIK	3.11	4.42	SYFEKS[69]KEQLTPLIK	2.81E-11	4.86E-06	SYFEKS[69]KEQLTPLIK	9.31	#	1	1	1	3	X	X	X	SYFEKSKEQLT[83]PLIK	SYFEKS[69]KEQLTPLIK	-0.7	3	56.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.2003	2	SYFEKS[166]KEQLTPLIK	4.15	5.11						#	1	0	0	1				SYFEKS[166]KEQLTPLIK	SYFEKS[166]KEQLTPLIK	-0.8	2	41.0	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr12.2004	3				SYFEKS[69]KEQLTPLIK	3.14E-06	5.43E-01	SYFEKS[69]KEQLTPLIK	9.85	#	0	1	1	2			X	SYFEKS[69]KEQLTPLIK	SYFEKS[69]KEQLTPLIK	-0.3	2	43.4	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.2303	2							ETTCS[166]KESNEELTESCETKK	6.94	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-0.4	3	13.1	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr12.2304	3				ETTCSKES[69]NEELTESCETKK	3.18E-07	7.65E-02			#	0	1	0	1				ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.2	3	16.6	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.2447	2							ETTCS[166]KESNEELTESCETKK	6.94	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-1.0	3	5.1	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr12.2592	2							ET[181]TCSKESNEELTESCETKK	7.50	#	0	0	1	1				ET[181]TCSKESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-1.0	3	16.4	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr12.2593	3				ETTCSKES[69]NEELTESCETKK	3.66E-09	8.82E-04	ETTCS[69]KESNEELTESCETKK	7.69	#	0	1	1	2			X	ETTCS[69]KESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.5	3	5.1	-	0	-	-	1	0	-	-	-
EXP1	fp_exp1_lap_Fr12.2739	3	ETTCSKES[69]NEELTESCETKK	3.22	3.92	ETTCSKES[69]NEELTESCETKK	3.66E-09	8.83E-04	ETTCSKES[69]NEELTESCETKK	6.97	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.1	3	15.0	-	0	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.2884	2							ETTCS[166]KESNEELTESCETKK	8.17	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-0.6	3	6.9	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr12.2885	3				ETTCSKES[69]NEELTESCETKK	5.73E-07	1.38E-01	ETTCS[69]KESNEELTESCETKK	7.11	#	0	1	1	2			X	ETTCS[69]KESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.3	3	12.2	-	0	-	-	1	0	-	-	-
EXP1	fp_exp1_lap_Fr12.3031	2							ETTCS[166]KESNEELTESCETKK	7.40	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-1.4	3	5.8	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr12.3032	3				ETTCSKES[69]NEELTESCETKK	3.57E-11	8.59E-06	ETTCSKES[69]NEELTESCETKK	8.17	#	0	1	1	2			X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.5	3	26.0	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12.3178	2							ETTCS[166]KESNEELTESCETKK	7.70	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCS[166]KESNEELTESCETKK	-0.5	3	13.1	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr12.3179	3	ETTCSKES[69]NEELTESCETKK	3.18	4.29	ETTCSKES[69]NEELTESCETKK	1.29E-10	3.09E-05	ETTCS[69]KESNEELTESCETKK	10.25	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.3	3	21.9	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr12.3352	3				ETTCS[69]KESNEELTESCETKK	5.24E-08	1.26E-02			#	0	1	0	1				ETTCS[69]KESNEELTESCETKK	ETTCS[69]KESNEELTESCETKK	-0.2	3	8.0	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.3402	2	KFRVLGDKQIVEIIAT[181]K	2.57	4.05						#	1	0	0	1				KFRVLGDKQIVEIIAT[181]K	KFRVLGDKQIVEIIAT[181]K	-1.3	3	-	-	-	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr12.3497	2				ETTCSKES[166]NEELTESCETKK	6.62E-09	1.63E-03	ETTCS[166]KESNEELTESCETKK	7.63	#	0	1	1	2			X	ETTCS[166]KESNEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-0.3	3	4.7	-	0	-	-	1	0	-	-	-
EXP1	fp_exp1_lap_Fr12.3498	3	ETTCSKES[69]NEELTESCETKK	2.91	3.95	ETTCSKES[69]NEELTESCETKK	2.37E-06	5.70E-01			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.2	3	13.8	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.3644	2				ETTCSKES[166]NEELTESCETKK	1.33E-08	3.26E-03	ETTCS[166]KESNEELTESCETKK	6.71	#	0	1	1	2			X	ETTCS[166]KESNEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-1.2	3	13.7	-	0	-	-	1	0	-	-	-
EXP1	fp_exp1_lap_Fr12.3645	3	ETTCSKES[69]NEELTESCETKK	3.14	5.38	ETTCSKES[69]NEELTESCETKK	7.36E-08	1.77E-02			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.4	3	15.9	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12.3855	2							ETTCS[166]KESNEELTESCETKK	6.84	#	0	0	1	1				ETTCS[166]KESNEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-1.4	3	12.2	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr12.3856	3				ETTCSKES[69]NEELTESCETKK	9.29E-08	2.24E-02	ET[83]TCSKESNEELTESCETKK	8.69	#	0	1	1	2			X	ET[83]TCSKESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.8	3	13.1	-	0	-	-	1	0	-	-	-
EXP1	fp_exp1_lap_Fr12_2.1261	2	DQGGELLSLRYDLTVPFARY[243]LAMNKVKKMKRY[243]HVGKVWR	3.01	3.56						#	1	0	0	1				DQGGELLSLRYDLTVPFARY[243]LAMNKVKKMKRY[243]HVGKVWR	DQGGELLSLRYDLTVPFARY[243]LAMNKVKKMKRY[243]HVGKVWR	-0.9	3	12.2	23.0	0	1	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr12_2.1454	2	ETTCSKES[166]NEELTESCETKK	3.54	6.09						#	1	0	0	1				ETTCSKES[166]NEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-1.1	2	35.4	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr12_2.1533	2	ETTCSKES[166]NEELTESCETK	3.65	3.10				ETTCS[166]KESNEELTESCETK	7.62	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.4	2	37.5	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr12_2.1579	2	SRHLAQAS[166]QELQ	4.57	7.35						#	1	0	0	1				SRHLAQAS[166]QELQ	SRHLAQAS[166]QELQ	-0.8	2	79.4	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr12_2.1586	2							ETTCSKESNEELT[181]ESCETKK	7.32	#	0	0	1	1				ETTCSKESNEELT[181]ESCETKK	ETTCSKES[166]NEELTESCETKK	-1.0	2	14.9	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr12_2.1590	2	ETTCS[69]KES[166]NEELTESCETKK	4.35	2.98	ET[181]TCSKES[69]NEELTESCETKK	1.56E-11	3.85E-06	ETTCS[166]KESNEELTESCETKK	6.93	#	1	1	1	3	X	X	X	ETTCS[69]KES[166]NEELTESCETKK	ETTCS[166]KES[69]NEELTESCETKK	0.8	3	10.2	23.0	0	1	0	0	0	1	1	0
EXP1	fp_exp1_lap_Fr12_2.1626	2				ETTCSKES[166]NEELTESCETKK	4.13E-07	1.02E-01			#	0	1	0	1				ETTCSKES[166]NEELTESCETKK	ETTCSKES[166]NEELTESCETKK	0.4	3	3.4	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12_2.1923	2	IERDS[166]REHEEPTTSEMAEETY[243]SPK	4.70	3.20	IERDS[166]REHEEPTTSEMAEET[181]YSPK	9.84E-07	2.60E-01			#	1	1	0	2	X			IERDS[166]REHEEPTTSEMAEETY[243]SPK	IERDS[166]REHEEPTTSEMAEET[181]YSPK	-1.9	3	44.2	7.4	1	0	0	1	-	1	1	-
EXP1	fp_exp1_lap_Fr12_2.1930	2	FSVVYAKCDSSPDS[166]AEDVRK	4.16	3.89	FSVVYAKCDSSPDS[166]AEDVRK	7.49E-09	1.81E-03	FSVVYAKCDSSPDS[166]AEDVRK	8.11	#	1	1	1	3	X	X	X	FSVVYAKCDSSPDS[166]AEDVRK	FSVVYAKCDSSPDS[166]AEDVRK	-1.8	2	43.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12_2.1941	3	AFQYHS[69]KEQQCVIMAENR	2.18	5.06	AFQYHS[69]KEQQCVIMAENR	3.00E-15	7.44E-10	AFQYHS[69]KEQQCVIMAENR	8.31	#	1	1	1	3	X	X	X	AFQYHS[69]KEQQCVIMAENR	AFQYHS[69]KEQQCVIMAENR	-1.6	3	-	-	-	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr12_2.1977	2							RY[243]SLSMGSEVK	6.85	#	0	0	1	1				RY[243]SLSMGSEVK	RYS[166]LSMGSEVK	-0.1	2	10.1	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr12_2.2096	2				MKLNTEVREIGPLS[166]K	4.13E-06	7.16E-01			#	0	1	0	1				MKLNTEVREIGPLS[166]K	MKLNTEVREIGPLS[166]K	-1.9	3	45.0	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12_2.2100	2	LLSLGAGEFKS[166]QEHAK	3.91	5.14				LLSLGAGEFKS[166]QEHAK	6.81	#	1	0	1	2		X		LLSLGAGEFKS[166]QEHAK	LLSLGAGEFKS[166]QEHAK	-0.7	2	82.3	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr12_2.2254	2	SYFEKS[166]KEQLTPLIK	3.85	5.65						#	1	0	0	1				SYFEKS[166]KEQLTPLIK	SYFEKS[166]KEQLTPLIK	-1.7	2	49.8	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr12_2.2668	2				KIFT[83]Y[243]FMVGAS[69]AVCIVLT[181]ICELCY[243]LICHR	3.55E-06	8.45E-01			#	0	1	0	1				KIFT[83]Y[243]FMVGAS[69]AVCIVLT[181]ICELCY[243]LICHR	KIFT[83]Y[243]FMVGAS[69]AVCIVLT[181]ICELCY[243]LICHR	-0.7	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr12_2.3322	2				ESLT[83]PGREENPS[166]S[166]VLAQER	2.02E-06	4.64E-01			#	0	1	0	1				ESLT[83]PGREENPS[166]S[166]VLAQER	ESLT[83]PGREENPS[166]S[166]VLAQER	-0.5	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr12_2.3339	2				DS[69]PYAEINNS[69]T[181]S[166]ANR	1.84E-07	3.11E-02			#	0	1	0	1				DS[69]PYAEINNS[69]T[181]S[166]ANR	DS[69]PYAEINNS[69]T[181]S[166]ANR	0.0	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr12_2.3468	2				ES[69]LTPGREENPS[166]S[166]VLAQER	2.60E-07	5.99E-02			#	0	1	0	1				ES[69]LTPGREENPS[166]S[166]VLAQER	ES[69]LTPGREENPS[166]S[166]VLAQER	-1.8	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr13.1490	2							CDSSPDS[166]AEDVRK	6.84	#	0	0	1	1				CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	0.0	2	23.4	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr13.1538	2	GNRSTS[166]PVTDPS[166]IPIRKK	2.25	4.12						#	1	0	0	1				GNRSTS[166]PVTDPS[166]IPIRKK	GNRS[166]TSPVTDPS[166]IPIRKK	-0.8	3	11.1	16.4	0	0	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr13.1594	3	ETTCSKES[69]NEELTESCETKK	5.18	4.02	ETTCSKES[69]NEELTESCETKK	1.35E-09	3.24E-04	ETTCSKES[69]NEELTESCETKK	8.05	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.2	3	17.1	-	0	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.1597	3							ETT[83]CSKESNEELTESCETKK	7.02	#	0	0	1	1				ETT[83]CSKESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.5	2	25.2	-	1	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.1633	3	KATEDEGS[69]EQKIPEATNR	5.10	4.41	KATEDEGS[69]EQKIPEATNR	1.74E-07	3.40E-02	KATEDEGS[69]EQKIPEATNR	9.74	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-1.5	2	62.8	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.1653	3							EET[83]TSHLRSCEYK	9.40	#	0	0	1	1				EET[83]TSHLRSCEYK	EETTSHLRS[69]CEYK	-0.6	2	22.1	-	1	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.1657	2	ETTCSKES[166]NEELTESCETK	3.97	4.00	ETTCSKES[166]NEELTESCETK	1.45E-07	3.50E-02	ETTCS[166]KESNEELTESCETK	8.41	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	2	57.5	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr13.1658	3	ETTCSKES[69]NEELTESCETK	4.78	4.42	ETTCSKES[69]NEELTESCETK	2.25E-12	5.21E-07	ETTCSKES[69]NEELTESCETK	11.22	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.5	2	45.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.1660	2	ETTCSKES[166]NEELTESCETK	4.47	3.36	ETTCSKES[166]NEELTESCETK	1.05E-12	2.55E-07	ETTCS[166]KESNEELTESCETK	7.10	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.7	3	50.0	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr13.1707	2				ATEDEGS[166]EQKIPEATNR	1.55E-07	2.95E-02			#	0	1	0	1				ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	-0.6	2	32.2	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr13.1708	3	ATEDEGS[69]EQKIPEATNR	3.66	3.83	ATEDEGS[69]EQKIPEATNR	3.25E-06	5.90E-01	ATEDEGS[69]EQKIPEATNR	10.04	#	1	1	1	3	X	X	X	ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.1	2	45.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.1730	3				KATEDEGS[69]EQKIPEATNR	8.11E-10	1.59E-04	KATEDEGS[69]EQKIPEATNR	8.21	#	0	1	1	2			X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-1.5	3	11.2	-	0	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.1739	3	MT[181]VTDQVNCPK	2.56	4.87						#	1	0	0	1				MT[181]VTDQVNCPK	MT[181]VTDQVNCPK	0.0	2	54.0	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr13.1818	2				VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	1.97E-06	5.17E-01			#	0	1	0	1				VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-1.5	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr13.1819	3	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	4.11	5.20	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	1.00E-06	2.62E-01			#	1	1	0	2	X			VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	-0.6	3	-	-	-	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr13.1874	2	IGEIKEET[181]TSHLR	3.32	6.00				IGEIKEETTS[166]HLR	7.49	#	1	0	1	2		X		IGEIKEET[181]TSHLR	IGEIKEETTS[166]HLR	-0.5	2	24.4	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr13.1875	3							IGEIKEETT[83]SHLR	8.38	#	0	0	1	1				IGEIKEETT[83]SHLR	IGEIKEETTS[69]HLR	-0.5	2	17.0	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.1949	3				KATEDEGS[69]EQKIPEATNR	2.10E-09	4.11E-04			#	0	1	0	1				KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-1.2	3	21.5	-	1	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr13.1956	2							VIES[166]EEITEVKDNKK	7.25	#	0	0	1	1				VIES[166]EEITEVKDNKK	VIES[166]EEITEVKDNKK	-0.3	2	27.2	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr13.1957	3							VIES[69]EEITEVKDNKK	8.80	#	0	0	1	1				VIES[69]EEITEVKDNKK	VIES[69]EEITEVKDNKK	-0.1	2	14.0	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2003	2							HPNSPLDEENLT[181]QENQDR	10.86	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR	HPNSPLDEENLT[181]QENQDR	-0.7	2	109.4	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2247	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	6.63	4.37				HTFMGVVSLGS[166]PSGEVSHPR	10.06	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR	HTFM[147]GVVSLGSPS[166]GEVSHPR	-1.4	2	30.8	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2248	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	5.49	3.88				HTFMGVVSLGSPS[69]GEVSHPR	12.77	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[69]GEVSHPR	HTFM[147]GVVSLGSPS[69]GEVSHPR	-1.5	2	42.3	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2255	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	5.80	4.36				HTFMGVVSLGSPS[166]GEVSHPR	9.22	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR	HTFM[147]GVVSLGSPS[166]GEVSHPR	-1.8	3	53.5	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2256	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	5.02	4.38		3.92E-06	8.22E-01	HTFMGVVSLGSPS[69]GEVSHPR	12.97	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[69]GEVSHPR	HTFM[147]GVVSLGSPS[69]GEVSHPR	-1.3	3	59.2	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2320	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	5.03	4.03				HTFMGVVSLGS[166]PSGEVSHPR	10.74	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR	HTFM[147]GVVSLGSPS[166]GEVSHPR	1.3	3	59.3	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2321	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	4.43	4.26		3.34E-06	6.95E-01	HTFMGVVSLGSPS[69]GEVSHPR	13.12	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[69]GEVSHPR	HTFM[147]GVVSLGSPS[69]GEVSHPR	-0.1	3	32.1	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2392	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	5.53	4.00				HTFMGVVSLGS[166]PSGEVSHPR	9.49	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR	HTFM[147]GVVSLGSPS[166]GEVSHPR	-0.7	2	21.7	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2393	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	4.99	3.91				HTFMGVVSLGSPS[69]GEVSHPR	11.12	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[69]GEVSHPR	HTFM[147]GVVSLGSPS[69]GEVSHPR	-0.6	2	45.0	-	1	-	0	-	0	-	-	-

EXP1	fp_exp1_lap_Fr13.2459	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	5.01	3.96				HTFMGVVSLGS[166]PSGEVSHPR	8.49	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	-1.4	3	59.3	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2460	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	4.67	3.90		4.13E-06	8.62E-01	HTFMGVVSLGSPS[69]GEVSHPR	10.86	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[69]GEVSHPR		HTFM[147]GVVSLGSPS[69]GEVSHPR	-0.9	3	40.9	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2475	2	HTFMGVVSLGSPS[166]GEVSHPR	5.92	4.90	HTFMGVVSLGSPS[166]GEVSHPR	1.02E-12	2.24E-07	HTFMGVVSLGSPS[166]GEVSHPR	10.07	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-0.3	3	67.7	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2476	3	HTFMGVVSLGSPS[69]GEVSHPR	5.66	4.47	HTFMGVVSLGSPS[69]GEVSHPR	0.00E+00	0.00E+00	HTFMGVVSLGSPS[69]GEVSHPR	10.40	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.7	3	21.8	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2480	2	HTFMGVVSLGSPS[166]GEVSHPR	6.72	4.57	HTFMGVVSLGSPS[166]GEVSHPR	3.90E-14	8.52E-09	HTFMGVVSLGSPS[166]GEVSHPR	11.88	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-0.8	2	36.8	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2481	3	HTFMGVVSLGSPS[69]GEVSHPR	5.81	4.25	HTFMGVVSLGSPS[69]GEVSHPR	0.00E+00	3.81E-13	HTFMGVVSLGSPS[69]GEVSHPR	15.32	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.7	2	54.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2523	2				HNGPNDAS[166]DGT[83]VR	5.96E-06	6.79E-01			#	0	1	0	1				HNGPNDAS[166]DGT[83]VR		HNGPNDAS[166]DGT[83]VR	1.4	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr13.2606	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	5.12	4.64				HTFMGVVSLGS[166]PSGEVSHPR	8.13	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	-0.9	3	42.1	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2607	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	4.01	5.12				HTFMGVVSLGSPS[69]GEVSHPR	8.92	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[69]GEVSHPR		HTFM[147]GVVSLGSPS[69]GEVSHPR	-0.9	3	26.1	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2618	3	HTFMGVVSLGS[69]PSGEVSHPR	4.96	4.21	HTFMGVVSLGSPS[69]GEVSHPR	0.00E+00	5.88E-12	HTFMGVVSLGSPS[69]GEVSHPR	12.11	#	1	1	1	3	X	X	X	HTFMGVVSLGS[69]PSGEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-1.4	3	47.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2627	2	HTFMGVVSLGSPS[166]GEVSHPR	6.70	4.53	HTFMGVVSLGSPS[166]GEVSHPR	1.74E-12	3.83E-07	HTFMGVVSLGSPS[166]GEVSHPR	11.71	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-0.7	2	0.0	-	0	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2628	3	HTFMGVVSLGSPS[69]GEVSHPR	5.55	4.13	HTFMGVVSLGSPS[69]GEVSHPR	0.00E+00	3.57E-11	HTFMGVVSLGSPS[69]GEVSHPR	14.82	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.7	2	54.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2750	2							HTFMGVVSLGS[166]PSGEVSHPR	7.10	#	0	0	1	1				HTFMGVVSLGS[166]PSGEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.7	3	38.0	-	1	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2751	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	4.50	5.55				HTFMGVVSLGS[69]PSGEVSHPR	8.72	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[69]GEVSHPR		HTFM[147]GVVSLGSPS[69]GEVSHPR	-1.2	3	37.5	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2772	2	HTFMGVVSLGSPS[166]GEVSHPR	6.50	4.29	HTFMGVVSLGSPS[166]GEVSHPR	1.24E-11	2.72E-06	HTFMGVVSLGSPS[166]GEVSHPR	9.39	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-0.8	2	35.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2773	3	HTFMGVVSLGSPS[69]GEVSHPR	5.76	4.29	HTFMGVVSLGSPS[69]GEVSHPR	0.00E+00	5.82E-11	HTFMGVVSLGSPS[69]GEVSHPR	12.96	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.7	2	54.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2833	2	HTFMGVVSLGSPS[166]GEVSHPR	5.68	4.31	HTFMGVVSLGSPS[166]GEVSHPR	1.87E-11	4.09E-06	HTFMGVVSLGSPS[166]GEVSHPR	9.00	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.1	3	59.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2834	3	HTFMGVVSLGSPS[69]GEVSHPR	4.69	3.84	HTFMGVVSLGSPS[69]GEVSHPR	2.80E-14	5.68E-09	HTFMGVVSLGSPS[69]GEVSHPR	10.66	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-1.1	3	19.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2901	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	4.39	3.50				HTFMGVVSLGS[166]PSGEVSHPR	7.97	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	0.2	3	52.3	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2902	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	4.82	4.21		3.52E-06	7.34E-01	HTFMGVVSLGS[69]PSGEVSHPR	6.83	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[69]GEVSHPR		HTFM[147]GVVSLGSPS[69]GEVSHPR	-0.6	3	47.3	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.2940	2	HTFMGVVSLGSPS[166]GEVSHPR	6.14	4.31				HTFMGVVSLGSPS[166]GEVSHPR	9.08	#	1	0	1	2		X		HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-0.8	2	14.0	-	0	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2941	3	HTFMGVVSLGSPS[69]GEVSHPR	5.48	3.97	HTFMGVVSLGSPS[69]GEVSHPR	6.50E-14	1.33E-08	HTFMGVVSLGSPS[69]GEVSHPR	9.92	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.7	2	54.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2980	2	HTFMGVVSLGSPS[166]GEVSHPR	5.61	4.01	HTFMGVVSLGSPS[166]GEVSHPR	1.47E-13	3.23E-08	HTFMGVVSLGSPS[166]GEVSHPR	10.04	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.6	3	56.5	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.2981	3	HTFMGVVSLGSPS[69]GEVSHPR	4.92	4.12	HTFMGVVSLGSPS[69]GEVSHPR	0.00E+00	3.87E-11	HTFMGVVSLGSPS[69]GEVSHPR	9.95	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-1.1	3	46.2	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.3049	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	4.40	4.93						#	1	0	0	1				HTFM[147]GVVSLGSPS[69]GEVSHPR		HTFM[147]GVVSLGSPS[69]GEVSHPR	-1.4	3	43.4	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr13.3127	2	HTFMGVVSLGSPS[166]GEVSHPR	5.65	4.62	HTFMGVVSLGSPS[166]GEVSHPR	1.22E-09	2.65E-04	HTFMGVVSLGSPS[166]GEVSHPR	10.99	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.0	3	39.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.3128	3	HTFMGVVSLGSPS[69]GEVSHPR	5.42	4.22	HTFMGVVSLGSPS[69]GEVSHPR	2.00E-15	4.64E-10	HTFMGVVSLGSPS[69]GEVSHPR	8.56	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-1.0	3	28.1	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.3162	2	VDS[166]RAPGSGTATSGGGGRTRREAPR	2.82	3.76						#	1	0	0	1				VDS[166]RAPGSGTATSGGGGRTRREAPR		VDS[166]RAPGSGTATSGGGGRTRREAPR	1.7	3	23.1	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr13.3199	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	3.94	3.81				HTFMGVVSLGS[166]PSGEVSHPR	7.83	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	-1.0	3	24.8	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.3200	3	HTFM[147]GVVSLGSPSGEVS[69]HPR	3.23	4.30						#	1	0	0	1				HTFM[147]GVVSLGSPSGEVS[69]HPR		HTFM[147]GVVSLGSPS[69]GEVSHPR	-1.0	3	5.6	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr13.3342	2	HTFM[147]GVVSLGSPSGEVS[166]HPR	3.07	4.14				HTFMGVVSLGS[166]PSGEVSHPR	7.11	#	1	0	1	2		X		HTFM[147]GVVSLGSPSGEVS[166]HPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	-1.7	3	55.4	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.3351	2							HTFMGVVSLGSPS[166]GEVSHPR	9.19	#	0	0	1	1				HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.3	3	32.1	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr13.3352	3	HTFMGVVSLGSPS[69]GEVSHPR	4.91	3.81	HTFMGVVSLGSPS[69]GEVSHPR	5.60E-13	1.15E-07	HTFMGVVSLGSPS[69]GEVSHPR	7.23	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-1.0	3	37.5	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.3494	2	HTFMGVVSLGSPS[166]GEVSHPR	3.95	3.13	HTFMGVVSLGSPS[166]GEVSHPR	7.72E-08	1.70E-02	HTFMGVVSLGSPS[166]GEVSHPR	8.95	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.2	3	44.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.3495	3	HTFMGVVSLGS[69]PSGEVSHPR	4.44	4.12	HTFMGVVSLGSPS[69]GEVSHPR	2.81E-12	5.78E-07	HTFMGVVSLGSPS[69]GEVSHPR	7.53	#	1	1	1	3	X	X	X	HTFMGVVSLGS[69]PSGEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-1.1	3	42.7	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.3587	2				T[181]SPKTGAPVAT[83]NNQS[69]R	2.64E-07	4.06E-02			#	0	1	0	1				T[181]SPKTGAPVAT[83]NNQS[69]R		T[181]SPKTGAPVAT[83]NNQS[69]R	-0.4	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr13.3639	2	HTFMGVVSLGSPS[166]GEVSHPR	5.22	4.52	HTFMGVVSLGSPS[166]GEVSHPR	8.25E-11	1.81E-05	HTFMGVVSLGSPS[166]GEVSHPR	8.78	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.2	3	40.9	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.3640	3	HTFMGVVSLGSPS[69]GEVSHPR	4.50	4.09	HTFMGVVSLGSPS[69]GEVSHPR	2.61E-12	5.33E-07			#	1	1	0	2	X			HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-1.0	3	19.0	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr13.3665	2	HTFMGVVSLGSPS[166]GEVSHPR	5.75	4.15	HTFMGVVSLGSPS[166]GEVSHPR	1.40E-08	3.08E-03	HTFMGVVSLGSPS[166]GEVSHPR	7.54	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-0.7	2	14.6	-	0	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.3666	3	HTFMGVVSLGSPS[69]GEVSHPR	4.03	3.81	HTFMGVVSLGSPS[69]GEVSHPR	9.70E-09	1.99E-03			#	1	1	0	2	X			HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.6	2	54.0	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr13.3853	2	HTFMGVVSLGSPS[166]GEVSHPR	5.06	3.63	HTFMGVVSLGSPS[166]GEVSHPR	3.44E-09	7.56E-04	HTFMGVVSLGSPS[166]GEVSHPR	8.89	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.2	3	25.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.3854	3	HTFMGVVSLGSPS[69]GEVSHPR	4.40	3.36	HTFMGVVSLGSPS[69]GEVSHPR	1.59E-10	3.25E-05			#	1	1	0	2	X			HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.9	3	10.9	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr13.3935	2	HTFM[147]GVVSLGSPSGEVS[166]HPR	3.01	4.08				HTFMGVVSLGS[166]PSGEVSHPR	6.84	#	1	0	1	2		X		HTFM[147]GVVSLGSPSGEVS[166]HPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	-1.2	3	67.7	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr13.4015	2	HTFMGVVSLGSPS[166]GEVSHPR	4.48	3.92	HTFMGVVSLGSPS[166]GEVSHPR	4.56E-08	1.00E-02	HTFMGVVSLGSPS[166]GEVSHPR	9.01	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.3	3	33.1	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr13.4016	3	HTFMGVVSLGSPS[69]GEVSHPR	4.23	3.85	HTFMGVVSLGSPS[69]GEVSHPR	1.07E-13	2.19E-08	HTFMGVVSLGS[69]PSGEVSHPR	6.81	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-1.1	3	24.3	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr13.4797	2	HTFMGVVSLGSPSGEVS[166]HPR	3.03	4.99						#	1	0	0	1				HTFMGVVSLGSPSGEVS[166]HPR		HTFMGVVSLGSPSGEVS[166]HPR	-1.2	3	2.6	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr14.1019	2	CDSSPDS[166]AEDVRK	3.86	5.12				CDSSPDS[166]AEDVRK	8.89	#	1	0	1	2		X		CDSSPDS[166]AEDVRK		CDSSPDS[166]AEDVRK	0.3	2	40.6	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr14.1020	3							CDSSPDS[69]AEDVRK	7.75	#	0	0	1	1				CDSSPDS[69]AEDVRK		CDSSPDS[69]AEDVRK	0.1	2	25.2	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr14.1138	2	VRES[166]DEETQIK	4.14	5.40	VRES[166]DEETQIK	5.96E-06	6.85E-01	VRES[166]DEETQIK	7.99	#	1	1	1	3	X	X	X	VRES[166]DEETQIK		VRES[166]DEETQIK	-0.8	2	48.3	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr14.1139	3	VRES[69]DEETQIK	3.55	5.37	VRES[69]DEETQIK	6.38E-10	6.38E-05	VRES[69]DEETQIK	6.74	#	1	1	1	3	X	X	X	VRES[69]DEETQIK		VRES[69]DEETQIK	-0.3	2	77.1	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr14.1161	2				AHS[166]APKPSQAS[166]GHFS[69]VELVR	7.45E-07	1.72E-01			#	0	1	0	1				AHS[166]APKPSQAS[166]GHFS[69]VELVR		AHS[166]APKPSQAS[166]GHFS[69]VELVR	-0.3	3	-	-	-	-	-	-	-	-	-	-
EXP1	fp_exp1_lap_Fr14.1210	2				KATEDEGS[166]EQKIPEATNR	2.40E-08	5.02E-03	KATEDEGS[166]EQKIPEATNR	7.30	#	0	1	1	2			X	KATEDEGS[166]EQKIPEATNR		KATEDEGS[166]EQKIPEATNR	-1.3	2	65.7	-	1	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr14.1244	2	Y[243]S[166]NADVNRLR	2.49	3.94						#	1	0	0	1				Y[243]S[166]NADVNRLR		Y[243]S[166]NADVNRLR	1.9	3	-	-	-	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr14.1451	2	KVTY[243]TSQEDLVEKK	3.87	5.26						#	1	0	0	1				KVTY[243]TSQEDLVEKK		KVTYTS[166]QEDLVEKK	-0.2	2	12.3	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr14.1859	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	5.82	4.05				HTFMGVVSLGS[166]PSGEVSHPR	8.42	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	-0.6	2	20.6	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr14.2107	2	HTFMGVVSLGSPS[166]GEVSHPR	4.06	4.12	HTFMGVVSLGSPS[166]GEVSHPR	1.27E-13	2.79E-08	HTFMGVVSLGSPS[166]GEVSHPR	8.97	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-0.7	3	61.4	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr14.2108	3	HTFMGVVSLGS[69]PSGEVSHPR	3.10	3.55	HTFMGVVSLGSPS[69]GEVSHPR	2.55E-11	5.26E-06			#	1	1	0	2	X			HTFMGVVSLGS[69]PSGEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.7	3	33.3	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr14_2.1623	3				ETTCSKES[69]NEELTESCETKK	1.62E-07	3.92E-02	ETTCS[69]KESNEELTESCETKK	6.95	#	0	1	1	2			X	ETTCS[69]KESNEELTESCETKK		ETTCSKES[69]NEELTESCETKK	-1.1	3	6.7	-	0	-	-	1	0	-	-	-
EXP1	fp_exp1_lap_Fr14_2.1632	2	ETTCSKES[166]NEELTESCETKK	3.68	5.84						#	1	0	0	1				ETTCSKES[166]NEELTESCETKK		ETTCSKES[166]NEELTESCETKK	-0.8	2	25.2	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr14_2.1633	3	ETTCSKES[69]NEELTESCETKK	4.16	3.15				ET[83]TCSKESNEELTESCETKK	10.51	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK		ETTCS[69]KESNEELTESCETKK	-0.2	2	7.7	-	0	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr14_2.1682	3							EET[83]TSHLRSCEYK	8.67	#	0	0	1	1				EET[83]TSHLRSCEYK		EETTS[69]HLRSCEYK	-0.5	2	14.0	-	0	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr14_2.1690	2	KATEDEGS[166]EQKIPEATNR	2.88	4.55				KATEDEGS[166]EQKIPEATNR	6.89	#	1	0	1	2		X		KATEDEGS[166]EQKIPEATNR		KATEDEGS[166]EQKIPEATNR	-0.7	2	36.5	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr14_2.1691	3	KATEDEGS[69]EQKIPEATNR	3.40	4.41	KATEDEGS[69]EQKIPEATNR	5.38E-07	1.06E-01	KATEDEGS[69]EQKIPEATNR	8.19	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR		KATEDEGS[69]EQKIPEATNR	-0.7	2	38.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr14_2.1699	2	ETT[181]CSKESNEELTESCETK	3.58	3.42	ETTCSKES[166]NEELTESCETK	1.72E-08	4.16E-03			#	1	1	0	2	X			ETT[181]CSKESNEELTESCETK		ETTCSKES[166]NEELTESCETK	-1.2	3	18.5	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr14_2.1702	2	ETTCSKES[166]NEELTESCETK	4.35	6.05						#	1	0	0	1				ETTCSKES[166]NEELTESCETK		ETTCSKES[166]NEELTESCETK	-1.0	2	30.7	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr14_2.1745	2	ETT[83]CSKES[166]NEELTESCETKK	4.92	2.82	ET[181]TCS[69]KESNEELTESCETKK	1.19E-09	2.87E-04	ET[181]TCSKESNEELTESCETKK	6.87	#	1	1	1	3	X	X	X	ETT[83]CSKES[166]NEELTESCETKK		ETT[83]CS[166]KESNEELTESCETKK	-1.4	3	0.0	10.9	0	0	0	0	0	0	1	0
EXP1	fp_exp1_lap_Fr14_2.1746	3				ETT[83]CSKES[69]NEELTESCETKK	2.47E-08	5.87E-03			#	0	1	0	1				ETT[83]CSKES[69]NEELTESCETKK		ETTCS[69]KES[69]NEELTESCETKK	-1.4	3	11.7	18.2	0	1	-	0	-	-	1	-
EXP1	fp_exp1_lap_Fr14_2.1754	2	LIVHNGYCDGRS[166]ER	2.46	4.02						#	1	0	0	1				LIVHNGYCDGRS[166]ER		LIVHNGYCDGRS[166]ER	-1.4	3	21.5	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr14_2.2500	2	HTFMGVVSLGSPS[166]GEVSHPR	6.86	4.76	HTFMGVVSLGSPS[166]GEVSHPR	1.60E-14	3.56E-09	HTFMGVVSLGSPS[166]GEVSHPR	11.81	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-0.6	2	48.9	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr14_2.2501	3	HTFMGVVSLGSPS[69]GEVSHPR	5.49	4.14	HTFMGVVSLGSPS[69]GEVSHPR	8.00E-15	1.61E-09	HTFMGVVSLGSPS[69]GEVSHPR	14.14	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.7	2	54.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr14_2.2548	2				HNGPNDAS[166]DGT[83]VR	1.17E-06	1.33E-01			#	0	1	0	1				HNGPNDAS[166]DGT[83]VR		HNGPNDAS[166]DGT[83]VR	1.4	3	-	-	-	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr14_2.3370	2	Y[243]KEYEKDVAIEEIDGLQLVK	2.95	3.58						#	1	0	0	1				Y[243]KEYEKDVAIEEIDGLQLVK		Y[243]KEYEKDVAIEEIDGLQLVK	0.2	2	8.2	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr14_2.3482	2							WAVLYHTEDT[181]R	6.60	#	0	0	1	1				WAVLYHTEDT[181]R		WAVLYHTEDT[181]R	-1.3	2	8.8	-	0	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr15.1477	2	CDSSPDS[166]AEDVRK	3.52	4.46				CDSSPDS[166]AEDVRK	6.88	#	1	0	1	2		X		CDSSPDS[166]AEDVRK		CDSSPDS[166]AEDVRK	-1.3	2	42.9	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr15.1504	2	T[83]GYT[181]VTGSGTTALPGGFR	2.67	4.54						#	1	0	0	1				T[83]GYT[181]VTGSGTTALPGGFR		T[181]GYT[83]VTGSGTTALPGGFR	0.6	3	8.0	14.2	0	0	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr15.1650	2				KATEDEGS[166]EQKIPEATNR	1.71E-07	3.58E-02			#	0	1	0	1				KATEDEGS[166]EQKIPEATNR		KATEDEGS[166]EQKIPEATNR	-1.1	3	13.1	-	0	-	-	1	-	-	-	-
EXP1	fp_exp1_lap_Fr15.1651	3				KATEDEGS[69]EQKIPEATNR	8.57E-11	1.68E-05	KATEDEGS[69]EQKIPEATNR	8.39	#	0	1	1	2			X	KATEDEGS[69]EQKIPEATNR		KATEDEGS[69]EQKIPEATNR	-1.2	3	7.9	-	0	-	-	1	1	-	-	-
EXP1	fp_exp1_lap_Fr15.1659	2	KATEDEGS[166]EQKIPEATNR	2.85	4.02	KATEDEGS[166]EQKIPEATNR	2.43E-07	5.08E-02	KATEDEGS[166]EQKIPEATNR	7.46	#	1	1	1	3	X	X	X	KATEDEGS[166]EQKIPEATNR		KATEDEGS[166]EQKIPEATNR	-0.8	2	47.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr15.1660	3	KATEDEGS[69]EQKIPEATNR	4.32	4.13	KATEDEGS[69]EQKIPEATNR	6.03E-07	1.18E-01	KATEDEGS[69]EQKIPEATNR	9.55	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR		KATEDEGS[69]EQKIPEATNR	-0.6	2	81.1	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr15.1669	2	ETTCSKES[166]NEELTESCETK	4.39	2.64	ETTCSKES[166]NEELTESCETK	1.26E-08	3.03E-03	ET[181]TCSKESNEELTESCETK	7.10	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK		ETTCSKES[166]NEELTESCETK	-1.6	3	21.2	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr15.1670	2	ETTCSKES[166]NEELTESCETK	3.57	3.97				ETTCS[166]KESNEELTESCETK	8.11	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK		ETTCSKES[166]NEELTESCETK	-0.7	2	37.8	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr15.1671	3				ETTCSKES[69]NEELTESCETK	1.96E-07	4.52E-02	ETT[83]CSKESNEELTESCETK	7.00	#	0	1	1	2			X	ETT[83]CSKESNEELTESCETK		ETT[83]CSKESNEELTESCETK	-0.6	2	0.0	-	0	-	-	0	1	-	-	-
EXP1	fp_exp1_lap_Fr15.1710	2	ATEDEGS[166]EQKIPEATNR	3.55	3.18	ATEDEGS[166]EQKIPEATNR	3.22E-07	6.13E-02			#	1	1	0	2	X			ATEDEGS[166]EQKIPEATNR		ATEDEGS[166]EQKIPEATNR	-0.8	3	15.4	-	0	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr15.2001	2							HPNSPLDEENLT[181]QENQDR	7.47	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR		HPNSPLDEENLT[181]QENQDR	-0.6	3	70.7	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr15.2003	2							HPNSPLDEENLT[181]QENQDR	9.54	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR		HPNSPLDEENLT[181]QENQDR	-0.6	2	132.0	-	1	-	-	-	1	-	-	-
EXP1	fp_exp1_lap_Fr15.2261	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	6.53	4.55				HTFMGVVSLGS[166]PSGEVSHPR	9.26	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	-0.9	2	18.5	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr15.2262	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	4.90	3.80				HTFMGVVSLGSPS[69]GEVSHPR	7.83	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[69]GEVSHPR		HTFM[147]GVVSLGSPS[69]GEVSHPR	-1.3	2	44.7	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr15.2384	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	5.44	4.37				HTFMGVVSLGS[166]PSGEVSHPR	8.54	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	-0.2	3	72.1	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr15.2385	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	4.26	4.03				HTFMGVVSLGSPS[69]GEVSHPR	9.22	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[69]GEVSHPR		HTFM[147]GVVSLGSPS[69]GEVSHPR	-0.6	3	25.1	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr15.2486	2	HTFMGVVSLGSPS[166]GEVSHPR	6.03	4.40	HTFMGVVSLGSPS[166]GEVSHPR	3.40E-14	7.40E-09	HTFMGVVSLGSPS[166]GEVSHPR	9.51	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.9	3	69.7	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr15.2487	3	HTFMGVVSLGSPS[69]GEVSHPR	4.86	3.85	HTFMGVVSLGSPS[69]GEVSHPR	0.00E+00	3.67E-11	HTFMGVVSLGSPS[69]GEVSHPR	11.27	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-1.2	3	30.7	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr15.2522	2	HTFMGVVSLGSPS[166]GEVSHPR	6.23	4.42	HTFMGVVSLGSPS[166]GEVSHPR	1.49E-08	3.26E-03	HTFMGVVSLGSPS[166]GEVSHPR	9.56	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	0.0	2	20.6	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr15.2523	3	HTFMGVVSLGSPS[69]GEVSHPR	4.92	3.90	HTFMGVVSLGSPS[69]GEVSHPR	3.00E-15	5.83E-10	HTFMGVVSLGSPS[69]GEVSHPR	10.35	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.5	2	45.0	-	1	-	0	1	1	-	-	-
EXP1	fp_exp1_lap_Fr15.2528	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	4.64	4.15				HTFMGVVSLGS[166]PSGEVSHPR	6.76	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	0.1	3	24.2	-	1	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr15.2703	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	4.47	3.63				HTFMGVVSLGSPSGEVS[166]HPR	7.15	#	1	0	1	2		X		HTFM[147]GVVSLGSPS[166]GEVSHPR		HTFM[147]GVVSLGSPS[166]GEVSHPR	-2.0	3	16.8	-	0	-	0	-	0	-	-	-
EXP1	fp_exp1_lap_Fr15.2798	2	HTFMGVVSLGSPS[166]GEVSHPR	5.13	4.06				HTFMGVVSLGSPS[166]GEVSHPR	9.58	#	1	0	1	2		X		HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-0.2	3	53.5	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr15.2799	3	HTFMGVVSLGSPS[69]GEVSHPR	4.15	3.87	HTFMGVVSLGSPS[69]GEVSHPR	4.28E-10	8.80E-05			#	1	1	0	2	X			HTFMGVVSLGSPS[69]GEVSHPR		HTFMGVVSLGSPS[69]GEVSHPR	-0.7	3	21.5	-	1	-	0	1	-	-	-	-
EXP1	fp_exp1_lap_Fr15.2875	2	GSRLQYWLHTS[166]QK	2.48	4.63						#	1	0	0	1				GSRLQYWLHTS[166]QK		GSRLQYWLHTS[166]QK	-0.7	3	12.7	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr15.2884	2							HTFMGVVSLGS[166]PSGEVSHPR	6.67	#	0	0	1	1				HTFMGVVSLGS[166]PSGEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.3	3	21.5	-	1	-	-	-	0	-	-	-
EXP1	fp_exp1_lap_Fr15.2975	2	HTFMGVVSLGSPS[166]GEVSHPR	4.80	4.12				HTFMGVVSLGSPS[166]GEVSHPR	7.25	#	1	0	1	2		X		HTFMGVVSLGSPS[166]GEVSHPR		HTFMGVVSLGSPS[166]GEVSHPR	-0.9	3	29.6	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr15.3118	2	HTFMGVVSLGSPSGEVS[166]HPR	4.37	5.98				HTFMGVVSLGSPS[166]GEVSHPR	7.58	#	1	0	1	2		X		HTFMGVVSLGSPSGEVS[166]HPR		HTFMGVVSLGSPS[166]GEVSHPR	-1.5	3	23.9	-	1	-	0	-	1	-	-	-
EXP1	fp_exp1_lap_Fr16.1364	2	EHGAQAGEGALKDSNNDT[181]N	2.84	3.91						#	1	0	0	1				EHGAQAGEGALKDSNNDT[181]N		EHGAQAGEGALKDSNNDT[181]N	1.6	3	4.3	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr16.1378	3	KATEDEGS[69]EQKIPEATNRR	3.59	4.49						#	1	0	0	1				KATEDEGS[69]EQKIPEATNRR		KATEDEGS[69]EQKIPEATNRR	-0.4	3	17.7	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr16.1443	2	SPEKKATEDEGS[166]EQKIPEATNR	3.29	4.10						#	1	0	0	1				SPEKKATEDEGS[166]EQKIPEATNR		SPEKKATEDEGS[166]EQKIPEATNR	-0.2	3	45.2	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr16.1444	3	SPEKKATEDEGS[69]EQKIPEATNR	5.14	5.01						#	1	0	0	1				SPEKKATEDEGS[69]EQKIPEATNR		SPEKKATEDEGS[69]EQKIPEATNR	-0.7	3	64.6	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr16.1989	2	DIIILFT[83]PDFTAS[166]RVIR	2.63	4.28						#	1	0	0	1				DIIILFT[83]PDFTAS[166]RVIR		DIIILFT[181]PDFTAS[69]RVIR	0.4	3	25.0	11.1	1	0	0	-	-	1	-	-
EXP1	fp_exp1_lap_Fr16.2769	2	SLPGES[166]EEMMEEVDQVTLYSYK	4.50	2.81						#	1	0	0	1				SLPGES[166]EEMMEEVDQVTLYSYK		SLPGES[166]EEMMEEVDQVTLYSYK	-1.2	2	0.0	-	0	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr16.3901	2							Y[243]NETGS[166]ILPGAIGGSKPR	6.93	#	0	0	1	1				Y[243]NETGS[166]ILPGAIGGSKPR		Y[243]NETGSILPGAIGGS[166]KPR	0.4	3	17.7	7.0	0	0	-	-	0	-	-	0
EXP1	fp_exp1_lap_Fr3.1555	2				ETTCSKES[166]NEELTESCETKK	6.31E-07	1.54E-01	ETTCS[166]KESNEELTESCETKK	6.68	#	0	1	1	2			X	ETTCS[166]KESNEELTESCETKK		ETTCS[166]KESNEELTESCETKK	-1.6	3	6.7	-	0	-	-	0	1	-	-	-
EXP1	fp_exp1_lap_Fr3.1556	3	ETTCS[69]KESNEELTESCETKK	4.39	3.84	ETTCSKES[69]NEELTESCETKK	2.76E-08	6.68E-03	ETTCS[69]KESNEELTESCETKK	8.75	#	1	1	1	3	X	X	X	ETTCS[69]KESNEELTESCETKK		ETTCSKES[69]NEELTESCETKK	-1.0	3	24.0	-	1	-	0	1	0	-	-	-
EXP1	fp_exp1_lap_Fr3.1738	2	ETT[83]CSKES[166]NEELTESCETK	6.19	3.98	ETTCS[69]KES[166]NEELTESCETK	4.99E-07	1.18E-01	ETTCS[166]KESNEELTESCETK	7.92	#	1	1	1	3	X	X	X	ETT[83]CSKES[166]NEELTESCETK		ET[83]TCSKES[166]NEELTESCETK	-0.9	2	0.0	29.3	0	1	0	0	0	1	1	0
EXP1	fp_exp1_lap_Fr3.1739	3	ET[83]TCSKES[69]NEELTESCETK	5.30	3.37	ETT[83]CSKES[69]NEELTESCETK	8.65E-13	1.97E-07			#	1	1	0	2	X			ET[83]TCSKES[69]NEELTESCETK		ET[83]TCSKES[69]NEELTESCETK	-1.4	2	0.0	56.3	0	1	0	0	-	1	1	-
EXP1	fp_exp1_lap_Fr3.1792	2	ETTCSKES[166]NEELTESCETK	3.47	3.23						#	1	0	0	1				ETTCSKES[166]NEELTESCETK		ETTCSKES[166]NEELTESCETK	-0.1	2	25.7	-	1	-	0	-	-	-	-	-
EXP1	fp_exp1_lap_Fr3.1878	2	VTEPIS[166]AES[166]GEQVER	5.28	6.11				VTEPIS[166]AES[166]GEQVER	10.08	#	1	0	1	2		X		VTEPIS[166]AES[166]GEQVER		VTEPIS[166]AES[166]GEQVER	-0.8	2	52.0	96.0	1	1	0	-	1	1	-	1
EXP1	fp_exp1_lap_Fr3.1879	3	VTEPIS[69]AES[166]GEQVER	4.18	3.89	VTEPIS[69]AES[166]GEQVER	3.75E-07	6.01E-02	VTEPISAES[166]GEQVER	10.10	#	1	1	1	3	X	X	X	VTEPIS[69]AES[166]GEQVER		VTEPIS[69]AES[166]GEQVER	-0.6	2	22.7	100.9	1	1	0	1	0	1	1	1
EXP1	fp_exp1_lap_Fr3.1980	2							EKPPGAS[166]VELVEY[243]LESR	6.64	#	0	0	1	1				EKPPGAS[166]VELVEY[243]LESR		EKPPGAS[166]VELVEY[243]LESR	-0.7	2	94.7	44.4	1	1	-	-	1	-	-	1
EXP1	fp_exp1_lap_Fr3.2963	2	SLPGES[166]EEMMEEVDQVTLYSYK	4.92	3.05	S[166]LPGESEEMMEEVDQVTLYSYK	3.14E-10	8.09E-05	S[166]LPGESEEMMEEVDQVTLYSYK	9.43	#	1	1	1	3	X	X	X	SLPGES[166]EEMMEEVDQVTLYSYK		SLPGES[166]EEMMEEVDQVTLYSYK	-1.2	2	8.5	-	0	-	0	0	0	-	-	-
EXP1	fp_exp1_lap_Fr3.2964	3	SLPGES[69]EEMMEEVDQVTLYSYK	3.69	5.38	S[69]LPGESEEMMEEVDQVTLYSYK	4.05E-07	1.01E-01			#	1	1	0	2	X			SLPGES[69]EEMMEEVDQVTLYSYK		S[69]LPGESEEMMEEVDQVTLYSYK	-1.6	2	8.5	-	0	-	0	1	-	-	-	-
EXP2	fp_exp2_hap_Fr1.1478	2				S[69]PT[83]PVKPT[181]EPCTPSK	8.48E-09	0.0031521			#	0	1	0	1				S[69]PT[83]PVKPT[181]EPCTPSK		S[69]PT[83]PVKPT[181]EPCTPSK	0.6	3	65.8	79.9	1	1		1				
EXP2	fp_exp2_hap_Fr10.1404	2							ADS[166]GEGDFLAEGGGVR	10.06	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	0.2	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr10.1405	3							ADS[69]GEGDFLAEGGGVR	10.66	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	0.2	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr11.1444	2							ADS[166]GEGDFLAEGGGVR	11.59	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	0.5	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr11.1445	3							ADS[69]GEGDFLAEGGGVR	10.63	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	0.7	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr12.1435	2							ADS[166]GEGDFLAEGGGVR	11.42	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	0.7	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr12.1436	3							ADS[69]GEGDFLAEGGGVR	11.71	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	0.2	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr13.1494	2							ADS[166]GEGDFLAEGGGVR	10.74	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	-1.1	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr13.1495	3							ADS[69]GEGDFLAEGGGVR	10.74	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	0.1	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr13.2900	2				GSESGIFTNT[181]KESSSHHPGIAEFPSR	2.35E-10	0.000179222			#	0	1	0	1				GSESGIFTNT[181]KESSSHHPGIAEFPSR		GSESGIFT[181]NTKESSSHHPGIAEFPSR	-1.8	3	17.2	-	0	-		0				
EXP2	fp_exp2_hap_Fr14.1455	2							ADS[166]GEGDFLAEGGGVR	10.16	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	-0.9	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr14.1456	3							ADS[69]GEGDFLAEGGGVR	9.37	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	-0.5	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr14.1857	3	GSESGIFTNT[83]KESSSHHPGIAEFPSR	4.32	2.85	GSESGIFT[83]NTKESSSHHPGIAEFPSR	5.3E-14	3.87474E-08			#	1	1	0	2	X			GSESGIFTNT[83]KESSSHHPGIAEFPSR		GSESGIFTNT[83]KESSSHHPGIAEFPSR	0.1	3	6.7	-	0	-	0	0	-	1	0	-
EXP2	fp_exp2_hap_Fr15.1430	2							ADS[166]GEGDFLAEGGGVR	10.48	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	0.0	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr15.1431	3							ADS[69]GEGDFLAEGGGVR	10.73	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	-0.1	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr16.1152	2	VTEPIS[166]AES[166]GEQVER	3.78	5.25				VTEPIS[166]AES[166]GEQVER	7.42	#	1	0	1	2		X		VTEPIS[166]AES[166]GEQVER		VTEPIS[166]AES[166]GEQVER	-0.3	2	52.0	67.3	1	1	0	-	1	1	-	1
EXP2	fp_exp2_hap_Fr16.1153	3				VTEPIS[69]AES[166]GEQVER	7.58E-10	0.000285122	VTEPIS[69]AES[166]GEQVER	6.84	#	0	1	1	2			X	VTEPIS[69]AES[166]GEQVER		VTEPIS[69]AES[166]GEQVER	0.2	2	52.3	86.2	1	1	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr16.1336	2	HRHPDEAAFFDT[181]ASTGK	2.72	5.45	HRHPDEAAFFDTAS[166]TGK	6.55E-12	3.1866E-06			#	1	1	0	2	X			HRHPDEAAFFDT[181]ASTGK		HRHPDEAAFFDT[181]ASTGK	0.2	3	14.0	-	0	-	0	-	-	1	-	-
EXP2	fp_exp2_hap_Fr16.1337	3	HRHPDEAAFFDTAS[69]TGK	4.50	3.42	HRHPDEAAFFDTAS[69]TGK	0	5.38E-13			#	1	1	0	2	X			HRHPDEAAFFDTAS[69]TGK		HRHPDEAAFFDTAS[69]TGK	-0.5	3	6.0	-	0	-	0	1	-	1	1	-
EXP2	fp_exp2_hap_Fr16.1361	3	HRHPDEAAFFDT[83]ASTGK	3.16	6.26	HRHPDEAAFFDTAS[69]TGK	3.1E-14	1.36677E-08	HRHPDEAAFFDTAST[83]GK	8.14	#	1	1	1	3	X	X	X	HRHPDEAAFFDT[83]ASTGK		HRHPDEAAFFDT[83]ASTGK	0.0	2	8.1	-	0	-	0	0	0	1	0	0
EXP2	fp_exp2_hap_Fr16.1424	3							ADS[69]GEGDFLAEGGGVR	9.31	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	-2.0	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr16.1462	2				HRHPDEAAFFDTAS[166]TGK	1.17E-08	0.00568167			#	0	1	0	1				HRHPDEAAFFDTAS[166]TGK		HRHPDEAAFFDTAST[181]GK	-0.5	3	9.4	-	0	-		0				
EXP2	fp_exp2_hap_Fr16.1463	3	HRHPDEAAFFDTAST[83]GK	4.64	3.95	HRHPDEAAFFDTAST[83]GK	0	9.6E-14	HRHPDEAAFFDTAS[69]TGK	8.31	#	1	1	1	3	X	X	X	HRHPDEAAFFDTAST[83]GK		HRHPDEAAFFDTAST[83]GK	-0.3	3	0.0	-	0	-	0	1	0	1	1	0
EXP2	fp_exp2_hap_Fr16.1476	2				S[166]PT[83]PVKPT[83]EPCTPSK	2.85E-09	0.001053127			#	0	1	0	1				S[166]PT[83]PVKPT[83]EPCTPSK		S[69]PT[181]PVKPTEPCTPS[69]K	-1.1	3	55.4	83.3	1	1		0			0	
EXP2	fp_exp2_hap_Fr16.1481	3				HRHPDEAAFFDTAS[69]TGK	1.25E-10	5.60988E-05	HRHPDEAAFFDTAS[69]TGK	7.02	#	0	1	1	2			X	HRHPDEAAFFDTAS[69]TGK		HRHPDEAAFFDTAS[69]TGK	-0.2	2	7.6	-	0	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr16.2299	2				EVGY[243]STHMVGKWHLGFYR	7.05E-08	0.043597657			#	0	1	0	1				EVGY[243]STHMVGKWHLGFYR		EVGY[243]STHMVGKWHLGFYR	1.0	3	36.0	-	1	-		1				
EXP2	fp_exp2_hap_Fr2.1153	2	VTEPIS[166]AES[166]GEQVER	4.81	6.14	VTEPIS[166]AES[166]GEQVER	1.63E-07	0.068557627	VTEPIS[166]AES[166]GEQVER	9.92	#	1	1	1	3	X	X	X	VTEPIS[166]AES[166]GEQVER		VTEPIS[166]AES[166]GEQVER	-0.5	2	52.9	78.0	1	1	0	-	1	1	-	1
EXP2	fp_exp2_hap_Fr2.1154	3	VTEPIS[69]AES[166]GEQVER	3.82	3.97	VTEPIS[69]AES[166]GEQVER	1.99E-08	0.007533519	VTEPIS[69]AES[166]GEQVER	8.49	#	1	1	1	3	X	X	X	VTEPIS[69]AES[166]GEQVER		VTEPIS[69]AES[166]GEQVER	-0.2	2	59.4	101.6	1	1	0	-	1	1	-	1
EXP2	fp_exp2_hap_Fr2.1501	2				S[69]PT[83]PVKPT[181]EPCTPSK	5.83E-08	0.02164183			#	0	1	0	1				S[69]PT[83]PVKPT[181]EPCTPSK		S[69]PT[181]PVKPT[83]EPCTPSK	-0.1	3	83.7	99.4	1	1		1			0	
EXP2	fp_exp2_hap_Fr3.1096	2							T[181]RT[181]LLSDPT[83]Y[243]R	7.32	#	0	0	1	1				T[181]RT[181]LLSDPT[83]Y[243]R		T[181]RT[181]LLSDPT[83]Y[243]R	-0.2	2	-	-	-	-	-	-	-	-	-	-
EXP2	fp_exp2_hap_Fr3.1228	2							NSPLDEENLT[181]QENQDR	10.98	#	0	0	1	1				NSPLDEENLT[181]QENQDR		NSPLDEENLT[181]QENQDR	0.3	2	144.7	-	1	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1229	3							NSPLDEENLT[83]QENQDR	11.45	#	0	0	1	1				NSPLDEENLT[83]QENQDR		NSPLDEENLT[83]QENQDR	-0.2	2	118.8	-	1	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1388	2							ADS[166]GEGDFLAEGGGVR	9.18	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	0.0	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1389	3							ADS[69]GEGDFLAEGGGVR	8.57	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	0.4	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1414	3							ADS[69]GEGDFLAEGGGVR	7.46	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	0.0	1	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1424	2							ADS[166]GEGDFLAEGGGVR	8.39	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	-0.5	3	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1513	2							ADS[166]GEGDFLAEGGGVR	10.38	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	-1.2	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1514	3							ADS[69]GEGDFLAEGGGVR	10.50	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	-0.2	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1635	2							ADS[166]GEGDFLAEGGGVR	10.76	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	-0.4	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1636	3							ADS[69]GEGDFLAEGGGVR	11.38	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	-0.2	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1806	2							ADS[166]GEGDFLAEGGGVR	10.22	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	-0.4	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.1807	3							ADS[69]GEGDFLAEGGGVR	10.48	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	-0.2	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.2078	2							ADS[166]GEGDFLAEGGGVR	11.00	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	-0.8	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.2079	3							ADS[69]GEGDFLAEGGGVR	7.44	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	-0.1	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.2432	2							ADS[166]GEGDFLAEGGGVR	9.83	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	0.0	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.2668	2							ADS[166]GEGDFLAEGGGVR	7.94	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	0.2	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.892	2	GGSTSY[243]GTGSETESPR	3.51	3.66				GGS[166]TSYGTGSETESPR	9.93	#	1	0	1	2		X		GGSTSY[243]GTGSETESPR		GGSTSY[243]GTGSETESPR	-0.2	2	16.9	-	0	-	0	-	0	1	-	0
EXP2	fp_exp2_hap_Fr3.900	3							KQY[243]DS[166]FT[83]Y[243]R	7.03	#	0	0	1	1				KQY[243]DS[166]FT[83]Y[243]R		KQY[243]DS[166]FT[83]Y[243]R	1.3	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.966	2							QFTSST[181]SYNR	7.85	#	0	0	1	1				QFTSST[181]SYNR		QFTSST[181]SYNR	-0.1	2	12.3	-	0	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr3.994	2	NPSSAGSWNS[166]GSSGPGSTGNR	5.46	3.99				NPSSAGSWNSGS[166]SGPGSTGNR	12.25	#	1	0	1	2		X		NPSSAGSWNS[166]GSSGPGSTGNR		NPSSAGSWNS[166]GSSGPGSTGNR	-0.1	2	9.7	-	0	-	0	-	0	1	-	0
EXP2	fp_exp2_hap_Fr3.995	3				NPSSAGSWNSGSSGPGS[69]TGNR	3.87E-11	1.88087E-05	NPSSAGSWNSGS[69]SGPGSTGNR	11.22	#	0	1	1	2			X	NPSSAGSWNSGS[69]SGPGSTGNR		NPSSAGSWNSGS[69]SGPGSTGNR	-1.1	2	61.7	-	1	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr4.1410	2							ADS[166]GEGDFLAEGGGVR	11.62	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	-0.1	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr4.1411	3							ADS[69]GEGDFLAEGGGVR	11.56	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	-0.1	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr5.1417	2							ADS[166]GEGDFLAEGGGVR	9.91	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	0.1	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr5.1418	3							ADS[69]GEGDFLAEGGGVR	11.15	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	0.0	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr5.1431	2							KEMEIMADS[166]KMK	6.91	#	0	0	1	1				KEMEIMADS[166]KMK		KEMEIMADS[166]KMK	0.9	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr5.1814	2							KSQAAPGSS[166]PCR	7.79	#	0	0	1	1				KSQAAPGSS[166]PCR		KSQAAPGSS[166]PCR	0.6	3	7.3	-	0	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr5.2603	2							RKS[69]ASATSSS[166]S[166]S[166]SRK	6.88	#	0	0	1	1				RKS[69]ASATSSS[166]S[166]S[166]SRK		RKS[69]ASATSSS[166]S[166]S[166]SRK	1.7	3	-	-	-	-	-	-	-	-	-	-
EXP2	fp_exp2_hap_Fr6.1459	2							ADS[166]GEGDFLAEGGGVR	10.32	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	0.2	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr6.1460	3							ADS[69]GEGDFLAEGGGVR	10.22	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	0.5	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr7.1431	2							ADS[166]GEGDFLAEGGGVR	9.62	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	-1.0	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr7.1432	3							ADS[69]GEGDFLAEGGGVR	9.54	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	0.1	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr8.1101	2	SKISPKSDVWSLGCILYYMT[83]Y[243]GK	3.37	5.37						#	1	0	0	1				SKISPKSDVWSLGCILYYMT[83]Y[243]GK		SKISPKSDVWSLGCILYYMT[83]Y[243]GK	-1.0	3	26.8	9.1	1	0	0	-	-	1	-	-
EXP2	fp_exp2_hap_Fr8.1186	2							HPNSPLDEENLT[181]QENQDR	10.10	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR		HPNSPLDEENLT[181]QENQDR	-0.4	2	128.6	-	1	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr8.1189	2							HPNSPLDEENLT[181]QENQDR	9.22	#	0	0	1	1				HPNSPLDEENLT[181]QENQDR		HPNSPLDEENLT[181]QENQDR	0.6	3	108.2	-	1	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr8.1396	2							ADS[166]GEGDFLAEGGGVR	11.48	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR		ADS[166]GEGDFLAEGGGVR	-0.9	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr8.1397	3							ADS[69]GEGDFLAEGGGVR	10.46	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR		ADS[69]GEGDFLAEGGGVR	-1.2	2	-	-	-	-	-	-	1	-	-	1

EXP2	fp_exp2_hap_Fr9.1419	2							ADS[166]GEGDFLAEGGGVR	11.73	#	0	0	1	1				ADS[166]GEGDFLAEGGGVR	ADS[166]GEGDFLAEGGGVR	0.2	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_hap_Fr9.1420	3							ADS[69]GEGDFLAEGGGVR	10.30	#	0	0	1	1				ADS[69]GEGDFLAEGGGVR	ADS[69]GEGDFLAEGGGVR	0.1	2	-	-	-	-	-	-	1	-	-	1
EXP2	fp_exp2_lap_Fr1.1039	2	ETT[181]CSKES[69]NEELTESCETK	5.22	3.68	ET[83]TCSKES[166]NEELTESCETK	8.26E-09	0.005259537	ET[181]TCSKES[69]NEELTESCETK	7.21	#	1	1	1	3	X	X	X	ETT[181]CSKES[69]NEELTESCETK	ET[83]TCSKES[166]NEELTESCETK	-1.5	2	0.0	45.7	0	1	0	-	0	1	-	1
EXP2	fp_exp2_lap_Fr1.1040	3	ET[83]TCSKES[69]NEELTESCETK	5.24	3.62	ETT[83]CSKES[69]NEELTESCETK	1.28E-11	7.76E-06			#	1	1	0	2	X			ET[83]TCSKES[69]NEELTESCETK	ET[83]TCSKES[69]NEELTESCETK	-0.5	2	0.0	48.9	0	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr1.1049	2	CDSSPDS[166]AEDVR	4.27	5.85				CDSSPDS[166]AEDVR	8.41	#	1	0	1	2		X		CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	0.3	2	56.3	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr1.1138	2	VTEPISAES[166]GEQVER	4.97	5.84	VTEPISAES[166]GEQVER	3.84E-11	1.49333E-05	VTEPISAES[166]GEQVER	11.48	#	1	1	1	3	X	X	X	VTEPISAES[166]GEQVER	VTEPISAES[166]GEQVER	-0.5	2	57.5	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr1.1139	3	VTEPISAES[69]GEQVER	3.66	3.79	VTEPISAES[69]GEQVER	2.19E-09	0.000763324	VTEPISAES[69]GEQVER	10.31	#	1	1	1	3	X	X	X	VTEPISAES[69]GEQVER	VTEPISAES[69]GEQVER	-0.4	2	68.5	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr1.1161	2	VTEPIS[166]AES[166]GEQVER	4.44	5.70	VTEPIS[166]AES[166]GEQVER	1.38E-07	0.057012501	VTEPIS[166]AES[166]GEQVER	10.89	#	1	1	1	3	X	X	X	VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	0.5	2	59.3	86.6	1	1	0	-	1	1	-	1
EXP2	fp_exp2_lap_Fr1.1162	3	VTEPIS[69]AES[166]GEQVER	4.31	4.52	VTEPIS[69]AES[166]GEQVER	2.37E-09	0.000898809	VTEPIS[69]AES[166]GEQVER	11.62	#	1	1	1	3	X	X	X	VTEPIS[69]AES[166]GEQVER	VTEPIS[69]AES[166]GEQVER	-0.2	2	69.8	121.7	1	1	0	-	1	1	-	1
EXP2	fp_exp2_lap_Fr1.1510	3	RAT[181]LKPM[147]FLLEPES[166]NK	3.47	3.91						#	1	0	0	1				RAT[181]LKPM[147]FLLEPES[166]NK	RAT[181]LKPM[147]FLLEPES[166]NK	-0.7	2	-	-	-	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr1.1707	2	IPSCDS[166]SPVSTEQLAPTAPPELTPVVQDCYHGDGQSYR	4.13	2.98	IPSCDSSPVS[166]TEQLAPTAPPELTPVVQDCYHGDGQSYR	1.78E-10	0.000118883			#	1	1	0	2	X			IPSCDS[166]SPVSTEQLAPTAPPELTPVVQDCYHGDGQSYR	IPSCDSSPVS[166]TEQLAPTAPPELTPVVQDCYHGDGQSYR	2.0	3	9.4	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr1.800	2	CDSSPDS[166]AEDVR	4.25	5.70	CDSSPDS[166]AEDVR	4.3E-07	0.113933133	CDSSPDS[166]AEDVR	9.42	#	1	1	1	3	X	X	X	CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.3	2	56.3	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr1.850	2	CDS[69]SPDS[166]AEDVRK	3.22	3.50						#	1	0	0	1				CDS[69]SPDS[166]AEDVRK	CDSS[69]PDS[166]AEDVRK	-1.5	2	7.6	33.8	0	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr1.867	2	KSSSQPS[166]PS[166]DPKKK	3.05	4.46						#	1	0	0	1				KSSSQPS[166]PS[166]DPKKK	KSSSQPS[166]PS[166]DPKKK	0.0	2	27.1	38.8	1	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr1.913	2	CDSSPDS[166]AEDVR	4.12	5.77	CDSSPDS[166]AEDVR	1.11E-06	0.29288683	CDSSPDS[166]AEDVR	9.12	#	1	1	1	3	X	X	X	CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.3	2	56.3	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr1.914	3	CDSSPDS[69]AEDVR	2.82	3.73						#	1	0	0	1				CDSSPDS[69]AEDVR	CDSSPDS[69]AEDVR	-0.4	2	28.7	-	1	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr10.1067	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	4.72	5.94	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	3.48E-12	2.73196E-06			#	1	1	0	2	X			VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-1.8	3	-	-	-	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr10.1068	3	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	3.73	4.06	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	0	1.19279E-10	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	7.24	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	-1.2	3	-	-	-	-	0	1	1	-	-	-
EXP2	fp_exp2_lap_Fr10.1210	2				GAVYLFHGASESGISPS[69]HS[166]QR	2.28E-07	0.138389355			#	0	1	0	1				GAVYLFHGASESGISPS[69]HS[166]QR	GAVYLFHGASESGISPS[69]HS[166]QR	1.6	3	16.5	19.5	0	1		1			1	
EXP2	fp_exp2_lap_Fr10.1265	2	ETTCSKES[166]NEELTESCETKK	2.40	4.65						#	1	0	0	1				ETTCSKES[166]NEELTESCETKK	ET[181]TCSKESNEELTESCETKK	-0.6	2	0.0	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr10.1266	3	ETTCSKES[69]NEELTESCETKK	4.03	3.25	ETTCS[69]KESNEELTESCETKK	3.22E-07	0.209064746	ETTCS[69]KESNEELTESCETKK	6.81	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.2	2	32.9	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr10.1277	3	ETTCSKES[69]NEELTESCETKK	3.91	3.40	ETTCSKES[69]NEELTESCETKK	3.68E-11	2.39177E-05	ETTCSKES[69]NEELTESCETKK	7.26	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.8	3	10.9	-	0	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr10.1389	3	ETTCSKES[69]NEELTESCETKK	4.26	3.32	ETTCSKES[69]NEELTESCETKK	4.91E-11	3.18945E-05	ETTCS[69]KESNEELTESCETKK	7.83	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.5	3	12.2	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr10.1457	2				SYFEKS[166]KEQLTPLIK	1.02E-06	0.463088078			#	0	1	0	1				SYFEKS[166]KEQLTPLIK	SYFEKS[166]KEQLTPLIK	0.2	2	49.8	-	1	-		1				
EXP2	fp_exp2_lap_Fr10.1489	2				S[69]PT[181]PVKPT[83]EPCTPSK	2.36E-09	0.000875888			#	0	1	0	1				S[69]PT[181]PVKPT[83]EPCTPSK	S[69]PT[83]PVKPT[181]EPCTPSK	0.1	3	69.6	85.7	1	1		1			0	
EXP2	fp_exp2_lap_Fr10.1503	3	ETTCSKES[69]NEELTESCETKK	4.19	3.25	ETTCSKES[69]NEELTESCETKK	9.81E-09	0.006388466	ETTCS[69]KESNEELTESCETKK	7.63	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.0	3	10.9	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr10.1526	3	SYFEKS[69]KEQLTPLIK	2.76	3.79	SYFEKS[69]KEQLTPLIK	2.12E-09	0.000888395	SYFEKS[69]KEQLTPLIK	8.06	#	1	1	1	3	X	X	X	SYFEKS[69]KEQLTPLIK	SYFEKS[69]KEQLTPLIK	-0.7	3	45.6	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr10.1620	3	ETTCS[69]KESNEELTESCETKK	4.44	3.88	ETTCSKES[69]NEELTESCETKK	6.9E-09	0.00447583	ETTCSKES[69]NEELTESCETKK	7.52	#	1	1	1	3	X	X	X	ETTCS[69]KESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.8	3	28.2	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr10.1700	3	ETTCSKES[69]NEELTESCETKK	3.62	2.88						#	1	0	0	1				ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.2	2	50.6	-	1	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr10.1853	3	ETTCSKES[69]NEELTESCETKK	5.37	3.98	ETTCSKES[69]NEELTESCETKK	3.92E-09	0.002550706	ETT[83]CSKESNEELTESCETKK	8.56	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.9	3	19.7	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr10.1974	3	ETTCS[69]KESNEELTESCETKK	3.70	5.17	ETTCSKES[69]NEELTESCETKK	1.97E-10	0.000127933	ETTCS[69]KESNEELTESCETKK	7.87	#	1	1	1	3	X	X	X	ETTCS[69]KESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.6	3	9.3	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr10.2091	3	ETTCS[69]KESNEELTESCETKK	4.96	3.67	ETTCSKES[69]NEELTESCETKK	3.48E-12	2.24784E-06	ETTCS[69]KESNEELTESCETKK	8.84	#	1	1	1	3	X	X	X	ETTCS[69]KESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.4	3	12.2	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr10.2214	3	ETTCS[69]KESNEELTESCETKK	4.09	3.76	ETTCSKES[69]NEELTESCETKK	7.1E-12	4.60764E-06	ETTCSKES[69]NEELTESCETKK	7.76	#	1	1	1	3	X	X	X	ETTCS[69]KESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.7	3	20.3	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr10.2326	3	ETTCSKES[69]NEELTESCETKK	4.58	3.57	ETTCSKES[69]NEELTESCETKK	3.06E-10	0.000198643	ETTCSKES[69]NEELTESCETKK	9.11	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.7	3	10.9	-	0	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr10.2371	3	ET[83]TCSKESNEELTESCETKK	3.97	4.34	ETTCS[69]KESNEELTESCETKK	5.68E-09	0.003690095	ETTCSKES[69]NEELTESCETKK	9.55	#	1	1	1	3	X	X	X	ET[83]TCSKESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.4	2	30.9	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr10.2445	2				ETTCSKES[166]NEELTESCETKK	1.65E-08	0.011115514			#	0	1	0	1				ETTCSKES[166]NEELTESCETKK	ETTCS[166]KESNEELTESCETKK	1.0	3	6.7	-	0	-		0				
EXP2	fp_exp2_lap_Fr10.2446	3	ETTCS[69]KESNEELTESCETKK	4.12	3.33	ETTCSKES[69]NEELTESCETKK	1.2E-13	7.81312E-08	ETTCS[69]KESNEELTESCETKK	8.95	#	1	1	1	3	X	X	X	ETTCS[69]KESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.7	3	10.9	-	0	-	0	1	0	-	-	-
EXP2	fp_exp2_lap_Fr10.2691	3	ETTCSKES[69]NEELTESCETKK	4.33	3.39	ETTCSKES[69]NEELTESCETKK	8.12E-10	0.000524874	ETTCS[69]KESNEELTESCETKK	6.56	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.2	3	13.1	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr10.2807	3	ETTCSKES[69]NEELTESCETKK	3.62	4.83						#	1	0	0	1				ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.4	3	9.3	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr10.2927	3	ETTCSKES[69]NEELTESCETKK	4.37	3.09	ETTCSKES[69]NEELTESCETKK	4.98E-10	0.000323473	ETTCSKES[69]NEELTESCETKK	7.65	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.5	3	8.9	-	0	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr10.2949	2				ARFEEVLSKVQQVQPAMQAVIRT[83]DMDQIIT[83]S[166]K	2.06E-07	0.155379668			#	0	1	0	1				ARFEEVLSKVQQVQPAMQAVIRT[83]DMDQIIT[83]S[166]K	ARFEEVLSKVQQVQPAMQAVIRT[83]DMDQIIT[181]S[69]K	1.2	3	14.4	18.1	0	1		0			0	
EXP2	fp_exp2_lap_Fr10.2950	3	ETT[83]CSKESNEELTESCETKK	3.88	4.08				ET[83]TCSKESNEELTESCETKK	9.47	#	1	0	1	2		X		ETT[83]CSKESNEELTESCETKK	ETTCS[69]KESNEELTESCETKK	-0.3	2	12.3	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr10.720	2	CDSSPDS[166]AEDVRK	3.01	4.05				CDSSPDS[166]AEDVRK	8.02	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	0.0	2	40.6	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr10.740	2	RAY[243]MNLAKKLQK	2.58	4.85						#	1	0	0	1				RAY[243]MNLAKKLQK	RAY[243]MNLAKKLQK	0.1	3	-	-	-	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr10.836	3	ETTCSKES[69]NEELTESCETKK	4.65	3.72	ETTCSKES[69]NEELTESCETKK	1.84E-11	1.19144E-05	ETT[83]CSKESNEELTESCETKK	9.23	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.3	3	21.2	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr10.838	3	ETTCSKES[69]NEELTESCETKK	4.02	4.75				ETTCS[69]KESNEELTESCETKK	9.93	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETTCS[69]KESNEELTESCETKK	-0.4	2	12.3	-	0	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr10.881	2				KATEDEGS[166]EQKIPEATNR	2.31E-08	0.012465049			#	0	1	0	1				KATEDEGS[166]EQKIPEATNR	KATEDEGS[166]EQKIPEATNR	0.1	3	18.9	-	1	-		1				
EXP2	fp_exp2_lap_Fr10.882	3	KATEDEGS[69]EQKIPEATNR	3.99	3.32	KATEDEGS[69]EQKIPEATNR	2.37E-11	1.18462E-05	KATEDEGS[69]EQKIPEATNR	7.09	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-0.5	3	16.8	-	0	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr10.955	2	ETTCS[69]KES[166]NEELTESCETKK	3.89	3.06	ET[181]TCSKES[69]NEELTESCETKK	5.22E-10	0.000348552			#	1	1	0	2	X			ETTCS[69]KES[166]NEELTESCETKK	ETTCS[69]KES[166]NEELTESCETKK	-0.3	3	6.0	2.7	0	0	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr10.956	3	ET[83]TCSKES[69]NEELTESCETKK	4.64	3.11	ET[83]TCSKES[69]NEELTESCETKK	1.5E-14	9.81944E-09			#	1	1	0	2	X			ET[83]TCSKES[69]NEELTESCETKK	ETTCS[69]KES[69]NEELTESCETKK	-0.9	3	10.2	19.5	0	1	0	0	-	1	1	-
EXP2	fp_exp2_lap_Fr10.958	3	ETTCSKES[69]NEELTESCETKK	3.95	3.05	ETTCSKES[69]NEELTESCETKK	3.13E-08	0.020274716			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.1	3	10.9	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr11.1066	3	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	3.78	5.40	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	5.99E-11	4.62575E-05	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	6.75	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	0.1	3	-	-	-	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr11.846	3	ETTCSKES[69]NEELTESCETKK	4.73	3.68	ETTCSKES[69]NEELTESCETKK	1E-15	4.20628E-10	ETT[83]CSKESNEELTESCETKK	8.90	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.4	3	13.1	-	0	-	0	1	0	-	-	-
EXP2	fp_exp2_lap_Fr11.857	3	ETTCSKES[69]NEELTESCETKK	3.79	2.69				ETTCS[69]KESNEELTESCETKK	8.39	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETTCS[69]KESNEELTESCETKK	-1.1	2	34.8	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr11.889	2				KATEDEGS[166]EQKIPEATNR	4.44E-11	2.40424E-05			#	0	1	0	1				KATEDEGS[166]EQKIPEATNR	KATEDEGS[166]EQKIPEATNR	0.2	2	42.0	-	1	-		1				
EXP2	fp_exp2_lap_Fr11.890	3	KATEDEGS[69]EQKIPEATNR	4.46	4.78	KATEDEGS[69]EQKIPEATNR	1.81E-11	9.03688E-06	KATEDEGS[69]EQKIPEATNR	11.77	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-0.2	2	72.4	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr11.894	3	NS[69]ANNTTTSGLTPNS[69]MIPEK	3.01	3.57						#	1	0	0	1				NS[69]ANNTTTSGLTPNS[69]MIPEK	NS[69]ANNTTTSGLTPNS[69]MIPEK	-1.1	2	25.1	22.5	1	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr11.897	2				KRNFIS[69]SKS[166]K	9.5E-08	0.020140887			#	0	1	0	1				KRNFIS[69]SKS[166]K	KRNFIS[166]SKS[69]K	-1.4	3	7.3	0.0	0	0		0			0	
EXP2	fp_exp2_lap_Fr11.917	2				ETTCSKES[166]NEELTESCETK	7.38E-08	0.047548576			#	0	1	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	0.1	2	44.4	-	1	-		1				
EXP2	fp_exp2_lap_Fr11.918	3	ETTCSKES[69]NEELTESCETK	3.39	3.29	ETTCSKES[69]NEELTESCETK	7.66E-10	0.000470025	ETTCSKES[69]NEELTESCETK	7.18	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.9	3	57.5	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr11.924	2				ETTCSKES[166]NEELTESCETK	4.58E-08	0.029764033			#	0	1	0	1				ETTCSKES[166]NEELTESCETK	ETTCS[166]KESNEELTESCETK	0.6	3	13.5	-	0	-		0				
EXP2	fp_exp2_lap_Fr11.971	3	KATEDEGS[69]EQKIPEATNR	3.64	3.45	KATEDEGS[69]EQKIPEATNR	2.1E-09	0.001050514	KATEDEGS[69]EQKIPEATNR	7.07	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-0.5	3	29.1	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr12.728	2	CDSSPDS[166]AEDVRK	2.81	4.35				CDSSPDS[166]AEDVRK	8.91	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	0.3	2	42.6	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr12.823	2				EPS[166]KPKAEKAEK	1.09E-06	0.29038594			#	0	1	0	1				EPS[166]KPKAEKAEK	EPS[166]KPKAEKAEK	-0.5	3	0.0	-	1	-		1				
EXP2	fp_exp2_lap_Fr12.828	3	ETTCSKES[69]NEELTESCETKK	4.16	3.26	ETTCSKES[69]NEELTESCETKK	1E-09	0.000649704	ETTCSKES[69]NEELTESCETKK	7.12	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.7	3	30.6	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr12.846	2				MSQKAKETVS[166]TR	3E-08	0.008415692			#	0	1	0	1				MSQKAKETVS[166]TR	MSQKAKET[181]VSTR	1.7	3	4.7	-	0	-		0				
EXP2	fp_exp2_lap_Fr12.873	2				KATEDEGS[166]EQKIPEATNR	3.23E-11	1.74511E-05			#	0	1	0	1				KATEDEGS[166]EQKIPEATNR	KATEDEGS[166]EQKIPEATNR	0.1	2	48.2	-	1	-		1				
EXP2	fp_exp2_lap_Fr12.874	3	KATEDEGS[69]EQKIPEATNR	4.21	4.11	KATEDEGS[69]EQKIPEATNR	9.28E-12	4.63034E-06	KATEDEGS[69]EQKIPEATNR	12.20	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	0.0	2	72.8	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr12.902	2	ETTCSKES[166]NEELTESCETK	3.26	5.66				ET[181]TCSKESNEELTESCETK	8.33	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	0.1	2	40.2	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr12.903	3	ETTCSKES[69]NEELTESCETK	3.37	4.22	ETTCSKES[69]NEELTESCETK	7.62E-08	0.046205521			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	0.0	2	29.2	-	1	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr12.905	2	ETTCSKES[166]NEELTESCETK	4.40	3.49	ETTCSKES[166]NEELTESCETK	5.23E-09	0.003361677	ET[181]TCSKESNEELTESCETK	6.85	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.1	3	13.3	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr13.1459	2				S[69]PT[83]PVKPT[181]EPCTPSK	2.57E-08	0.00955696			#	0	1	0	1				S[69]PT[83]PVKPT[181]EPCTPSK	S[69]PT[83]PVKPT[181]EPCTPSK	0.6	3	61.9	71.6	1	1		1			1	
EXP2	fp_exp2_lap_Fr13.880	2	ETT[181]CSKESNEELTESCETK	4.12	2.67						#	1	0	0	1				ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.5	3	11.9	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr14.1037	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	3.58	4.17						#	1	0	0	1				VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-1.0	3	-	-	-	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr14.1038	3	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	4.48	5.16	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	2.89E-10	0.000222945	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	7.76	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	-1.4	3	-	-	-	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr15.1074	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	4.03	5.05	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	1.17E-11	9.17974E-06	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	6.91	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-0.5	3	-	-	-	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr15.1894	2	DLEPGEVPS[166]DSDEDGEHK	2.99	4.31						#	1	0	0	1				DLEPGEVPS[166]DSDEDGEHK	DLEPGEVPS[166]DSDEDGEHK	0.3	3	16.5	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr16.1159	2	VTEPIS[166]AES[166]GEQVER	4.28	6.03				VTEPIS[166]AES[166]GEQVER	9.51	#	1	0	1	2		X		VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	0.1	2	59.0	64.4	1	1	0	-	1	1	-	1
EXP2	fp_exp2_lap_Fr2.1215	2	VTEPIS[166]AES[166]GEQVER	4.81	6.46				VTEPIS[166]AES[166]GEQVER	7.43	#	1	0	1	2		X		VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	0.4	2	48.1	70.5	1	1	0	-	1	1	-	1
EXP2	fp_exp2_lap_Fr2.1216	3	VTEPIS[69]AES[166]GEQVER	3.79	4.13	VTEPIS[69]AES[166]GEQVER	3.27E-09	0.001221939	VTEPIS[69]AES[166]GEQVER	7.27	#	1	1	1	3	X	X	X	VTEPIS[69]AES[166]GEQVER	VTEPIS[69]AES[166]GEQVER	0.1	2	42.5	87.7	1	1	0	-	1	1	-	1
EXP2	fp_exp2_lap_Fr2.1362	2	SPTPESST[181]IASYVT[181]LRK	2.36	4.19						#	1	0	0	1				SPTPESST[181]IASYVT[181]LRK	SPTPESS[166]TIASYVT[181]LRK	-0.4	2	11.1	26.3	0	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr2.1664	2				HNGPNDAS[166]DGT[83]VR	2.21E-06	0.573346679			#	0	1	0	1				HNGPNDAS[166]DGT[83]VR	HNGPNDAS[166]DGT[83]VR	-1.2	3	-	-	-	-		1				
EXP2	fp_exp2_lap_Fr2.2698	2	ET[181]NVPIS[69]FS[69]QLLESAFPEVR	2.90	3.70						#	1	0	0	1				ET[181]NVPIS[69]FS[69]QLLESAFPEVR	ET[83]NVPIS[69]FS[166]QLLESAFPEVR	-0.6	3	25.1	17.4	1	0	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr3.1054	2	ET[181]TCSKES[69]NEELTESCETK	5.31	4.37	ET[83]TCSKES[166]NEELTESCETK	1.42E-09	0.000902377	ET[181]TCSKES[69]NEELTESCETK	8.00	#	1	1	1	3	X	X	X	ET[181]TCSKES[69]NEELTESCETK	ET[83]TCSKES[166]NEELTESCETK	-1.4	2	0.0	41.2	0	1	0	-	0	1	-	1
EXP2	fp_exp2_lap_Fr3.1055	3	ET[83]TCSKES[69]NEELTESCETK	5.17	3.29	ET[83]TCSKES[69]NEELTESCETK	3.89E-10	0.000237284			#	1	1	0	2	X			ET[83]TCSKES[69]NEELTESCETK	ET[83]TCSKES[69]NEELTESCETK	-1.5	2	0.0	52.7	0	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr3.1069	2	IS[166]S[166]QVVDPK	3.21	3.40						#	1	0	0	1				IS[166]S[166]QVVDPK	IS[166]S[166]QVVDPK	-0.4	2	-	-	-	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr3.1302	2	VTEPIS[166]AES[166]GEQVER	3.91	5.11						#	1	0	0	1				VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	-1.7	2	41.0	47.4	1	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr3.1471	2	LEGKIEILASRPLINDES[166]PNFLKQDS[166]VK	3.03	4.31						#	1	0	0	1				LEGKIEILASRPLINDES[166]PNFLKQDS[166]VK	LEGKIEILASRPLINDES[166]PNFLKQDS[166]VK	-1.0	3	27.7	28.9	1	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr3.1830	2	TPYTASLTRTPYT[181]AS[166]LMRMPY[243]MTSLMTPYKAR	3.11	3.37						#	1	0	0	1				TPYTASLTRTPYT[181]AS[166]LMRMPY[243]MTSLMTPYKAR	TPYTASLTRTPYTAS[166]LMRMPY[243]MT[181]SLMTPYKAR	0.5	3	9.4	7.8	0	0	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr3.868	2	CDSSPDS[166]AEDVR	3.73	5.57	CDSSPDS[166]AEDVR	3.59E-07	0.093341904	CDSSPDS[166]AEDVR	9.07	#	1	1	1	3	X	X	X	CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	0.4	2	56.3	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr3.869	3	CDSSPDS[69]AEDVR	3.33	4.55						#	1	0	0	1				CDSSPDS[69]AEDVR	CDSSPDS[69]AEDVR	-0.2	2	25.7	-	1	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr3.965	2				AVS[69]VESLLAFSGLSADMLNQAIGPLT[181]SSR	3.05E-07	0.241154363			#	0	1	0	1				AVS[69]VESLLAFSGLSADMLNQAIGPLT[181]SSR	AVSVESLLAFSGLS[69]ADMLNQAIGPLTSS[166]R	1.4	3	4.6	0.0	0	0		0			0	
EXP2	fp_exp2_lap_Fr4.1162	2	VTEPIS[166]AES[166]GEQVER	4.37	6.02	VTEPIS[166]AES[166]GEQVER	9.98E-09	0.004185244	VTEPIS[166]AES[166]GEQVER	9.78	#	1	1	1	3	X	X	X	VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	-0.2	2	59.0	74.7	1	1	0	-	1	1	-	1
EXP2	fp_exp2_lap_Fr4.1163	3	VTEPIS[166]AES[69]GEQVER	3.63	4.45	VTEPIS[166]AES[69]GEQVER	8.46E-09	0.003204511	VTEPIS[69]AES[166]GEQVER	10.21	#	1	1	1	3	X	X	X	VTEPIS[166]AES[69]GEQVER	VTEPIS[69]AES[166]GEQVER	-0.2	2	42.5	72.1	1	1	0	-	1	1	-	1
EXP2	fp_exp2_lap_Fr4.1295	2	DALS[166]SVQESQVAQQAR	4.07	2.97				DALS[166]SVQESQVAQQAR	7.34	#	1	0	1	2		X		DALS[166]SVQESQVAQQAR	DALS[166]SVQESQVAQQAR	0.7	2	10.1	-	0	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr4.1464	2				FQISHISLDKEEFGASAALLST[181]K	1.11E-07	0.077108565			#	0	1	0	1				FQISHISLDKEEFGASAALLST[181]K	FQISHISLDKEEFGASAALLST[181]K	1.3	3	23.3	-	1	-		1				
EXP2	fp_exp2_lap_Fr4.1512	2	FRIS[166]HELDS[166]ASSEVN	3.35	6.10						#	1	0	0	1				FRIS[166]HELDS[166]ASSEVN	FRIS[166]HELDS[166]ASSEVN	-0.5	2	50.3	24.3	1	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr4.1513	3	FRIS[69]HELDS[166]ASSEVN	3.30	3.46						#	1	0	0	1				FRIS[69]HELDS[166]ASSEVN	FRIS[69]HELDS[166]ASSEVN	-0.3	2	52.2	12.3	1	0	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr4.1932	2	VY[243]DYYETDEFAIAEYNAPCSK	4.45	2.69				VYDYY[243]ETDEFAIAEYNAPCSK	7.24	#	1	0	1	2		X		VY[243]DYYETDEFAIAEYNAPCSK	VY[243]DYYETDEFAIAEYNAPCSK	-1.7	2	7.2	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr4.2006	2				ET[181]SLVEPEKILAAPNTFFEPR	5.78E-08	0.038819602			#	0	1	0	1				ET[181]SLVEPEKILAAPNTFFEPR	ET[181]SLVEPEKILAAPNTFFEPR	0.5	3	0.0	-	0	-		1				
EXP2	fp_exp2_lap_Fr4.2163	2	VYDYYET[181]DEFAIAEYNAPCSK	3.63	3.58						#	1	0	0	1				VYDYYET[181]DEFAIAEYNAPCSK	VY[243]DYYETDEFAIAEYNAPCSK	-1.2	2	7.6	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr4.2221	2	EFLGALS[166]KLY[243]HPSS[166]TKIQK	3.63	3.00						#	1	0	0	1				EFLGALS[166]KLY[243]HPSS[166]TKIQK	EFLGALS[166]KLY[243]HPSST[181]KIQK	-0.2	3	6.5	9.4	0	0	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr4.2587	2	HNYY[243]ESFSLSPAAVADNVER	3.29	3.41						#	1	0	0	1				HNYY[243]ESFSLSPAAVADNVER	HNYY[243]ESFSLSPAAVADNVER	0.5	3	11.1	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr4.2607	2	EY[243]S[166]AKDVVNPPKS[69]YEEVFK	2.88	3.90						#	1	0	0	1				EY[243]S[166]AKDVVNPPKS[69]YEEVFK	EY[243]S[166]AKDVVNPPKS[69]YEEVFK	1.1	2	91.0	100.7	1	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr4.2608	2	LS[69]HIDEYISSS[166]PT[83]YQTVPDFQR	2.39	4.50						#	1	0	0	1				LS[69]HIDEYISSS[166]PT[83]YQTVPDFQR	LS[69]HIDEYISSS[166]PT[83]YQTVPDFQR	-0.8	2	17.2	7.8	0	0	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr4.2645	2				NLSLFLS[166]IS[69]LLIFWGSSLLGAR	2.07E-09	0.001388744			#	0	1	0	1				NLSLFLS[166]IS[69]LLIFWGSSLLGAR	NLSLFLS[166]IS[69]LLIFWGSSLLGAR	0.4	3	23.8	30.1	1	1		1			1	
EXP2	fp_exp2_lap_Fr4.2736	2	VYDYY[243]ETDEFAIAEYNAPCSK	3.62	3.15						#	1	0	0	1				VYDYY[243]ETDEFAIAEYNAPCSK	VYDY[243]YETDEFAIAEYNAPCSK	-0.3	2	0.0	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr4.2750	2				EPCVESLVSQYFQTVTDYGK	2.79E-11	1.81187E-05	EPCVESLVSQYFQTVTDYGK	9.87	#	0	1	1	2			X	FMSANPS[166]KVSYEPITTTLKR	FMS[166]ANPSKVSYEPITTTLKR	-0.5	2	19.9	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr4.2884	2	VY[243]DYYETDEFAIAEYNAPCSK	4.33	3.04						#	1	0	0	1				VY[243]DYYETDEFAIAEYNAPCSK	VYDY[243]YETDEFAIAEYNAPCSK	-0.4	2	0.0	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr4.2896	2	Y[243]GLTLDPEADS[69]EYLSRY[243]TKSR	3.42	3.81						#	1	0	0	1				Y[243]GLTLDPEADS[69]EYLSRY[243]TKSR	YGLT[181]LDPEADS[69]EY[243]LSRYTKSR	-0.5	3	0.0	21.7	0	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr4.3086	2	VYDY[243]YETDEFAIAEYNAPCSK	4.33	3.00				VYDYY[243]ETDEFAIAEYNAPCSK	7.31	#	1	0	1	2		X		VYDY[243]YETDEFAIAEYNAPCSK	VYDY[243]YETDEFAIAEYNAPCSK	-0.5	2	0.0	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr4.3102	2				SMSASS[166]GLS[166]ARSSAQNGSALKR	2.09E-07	0.131559937			#	0	1	0	1				SMSASS[166]GLS[166]ARSSAQNGSALKR	SMSASSGLS[166]ARS[166]SAQNGSALKR	1.1	3	4.1	3.4	0	0		0			0	
EXP2	fp_exp2_lap_Fr4.3144	2	ET[83]GGAEGT[181]GDAVLGEKVLEEALLSREHVLELENS[69]K	3.53	3.49						#	1	0	0	1				ET[83]GGAEGT[181]GDAVLGEKVLEEALLSREHVLELENS[69]K	ET[181]GGAEGT[83]GDAVLGEKVLEEALLS[69]REHVLELENSK	-2.0	3	43.1	45.6	1	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr4.3505	2				DDASESTS[166]LSALVTNSDLS[69]LRK	8.74E-07	0.567920505			#	0	1	0	1				DDASESTS[166]LSALVTNSDLS[69]LRK	DDASEST[181]SLSALVT[83]NSDLSLRK	-0.9	3	0.0	4.8	0	0		0			0	
EXP2	fp_exp2_lap_Fr4.856	2	CDSSPDS[166]AEDVR	3.72	5.25	CDSSPDS[166]AEDVR	2.18E-07	0.056643957	CDSSPDS[166]AEDVR	10.03	#	1	1	1	3	X	X	X	CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	0.5	2	42.6	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr4.909	2	ETTCSKES[166]NEELTESCETK	3.93	4.07	ETTCSKES[166]NEELTESCETK	3.47E-07	0.225199871	ETTCS[166]KESNEELTESCETK	7.91	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.4	2	19.0	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr4.910	3	ETTCSKES[69]NEELTESCETK	4.22	3.86	ETTCSKES[69]NEELTESCETK	4.39E-09	0.002688409	ETTCSKES[69]NEELTESCETK	9.93	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.5	2	28.7	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr4.911	2	ETTCSKES[166]NEELTESCETK	4.51	3.54	ETTCSKES[166]NEELTESCETK	8.35E-12	5.44051E-06	ETTCS[166]KESNEELTESCETK	7.10	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCS[166]KESNEELTESCETK	-0.3	3	5.2	-	0	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr4.968	2	ET[181]TCSKES[166]NEELTESCETK	2.37	4.58				ET[181]TCSKES[166]NEELTESCETK	7.84	#	1	0	1	2		X		ET[181]TCSKES[166]NEELTESCETK	ETT[181]CSKES[166]NEELTESCETK	0.6	2	0.0	53.5	0	1	0	-	0	1	-	1
EXP2	fp_exp2_lap_Fr4.975	2				HLAQAS[166]QELQ	2.53E-07	0.047450001			#	0	1	0	1				HLAQAS[166]QELQ	HLAQAS[166]QELQ	0.0	2	-	-	-	-		1				
EXP2	fp_exp2_lap_Fr4.977	2	ETTCS[166]KES[166]NEELTESCETK	5.68	4.21	ETTCS[166]KES[166]NEELTESCETK	1.01E-10	6.71857E-05	ET[181]T[181]CSKESNEELTESCETK	7.75	#	1	1	1	3	X	X	X	ETTCS[166]KES[166]NEELTESCETK	ETTCS[166]KES[166]NEELTESCETK	-0.2	3	10.9	14.0	0	0	0	-	0	1	-	0
EXP2	fp_exp2_lap_Fr4.984	2	FFQT[181]GALLEILHCAIGIVPS[166]SVVLTSFQVMSR	3.03	3.81						#	1	0	0	1				FFQT[181]GALLEILHCAIGIVPS[166]SVVLTSFQVMSR	FFQT[181]GALLEILHCAIGIVPSSVVLTSFQVMS[166]R	1.6	3	31.4	7.8	1	0	0	-	-	0	-	-
EXP2	fp_exp2_lap_Fr5.1344	2	NHSIVPTHY[243]T[181]LLYTIMSKPEDLK	3.00	4.02						#	1	0	0	1				NHSIVPTHY[243]T[181]LLYTIMSKPEDLK	NHSIVPT[181]HYTLLYTIMS[166]KPEDLK	-0.1	3	6.0	8.3	0	0	0	-	-	0	-	-
EXP2	fp_exp2_lap_Fr5.1355	2	Y[243]NSQNQSNNQFVLYR	3.65	4.05				Y[243]NSQNQSNNQFVLYR	7.24	#	1	0	1	2		X		Y[243]NSQNQSNNQFVLYR	YNS[166]QNQSNNQFVLYR	0.0	2	9.4	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr5.1878	2	TNTNVNCPIECFMPLDVQADREDS[166]RE	4.06	5.54	TNTNVNCPIECFMPLDVQADREDS[166]RE	2.77E-09	0.00218622			#	1	1	0	2	X			TNTNVNCPIECFMPLDVQADREDS[166]RE	TNTNVNCPIECFMPLDVQADREDS[166]RE	0.2	3	107.1	-	1	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr5.3081	2	DGS[166]VKPS[166]HLLNFQR	2.61	4.24						#	1	0	0	1				DGS[166]VKPS[166]HLLNFQR	DGS[166]VKPS[166]HLLNFQR	1.7	3	-	-	-	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr5.876	2	ETTCSKES[166]NEELTESCETK	3.58	5.13				ETTCS[166]KESNEELTESCETK	8.75	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	2	45.7	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr5.877	3	ETTCSKES[69]NEELTESCETK	4.00	4.00	ETTCSKES[69]NEELTESCETK	8.25E-11	5.01858E-05	ETTCSKES[69]NEELTESCETK	11.00	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.1	2	32.9	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr5.878	2	ETTCSKES[166]NEELTESCETK	4.17	3.62	ETTCSKES[166]NEELTESCETK	2.9E-11	1.87933E-05	ET[181]TCSKESNEELTESCETK	7.30	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.2	3	15.8	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr5.925	2				ATEDEGS[166]EQKIPEATNR	7.47E-09	0.003617635			#	0	1	0	1				ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	0.7	2	42.0	-	1	-		1				
EXP2	fp_exp2_lap_Fr5.926	3	ATEDEGS[69]EQKIPEATNR	4.07	4.45	ATEDEGS[69]EQKIPEATNR	1.37E-06	0.614329855	ATEDEGS[69]EQKIPEATNR	10.07	#	1	1	1	3	X	X	X	ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	0.0	2	51.5	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr5.929	2				ATEDEGS[166]EQKIPEATNR	1.38E-10	6.72733E-05			#	0	1	0	1				ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	-0.1	3	24.0	-	1	-		1				
EXP2	fp_exp2_lap_Fr6.1041	2	ETT[181]CSKESNEELTESCETK	4.22	4.29	ETTCSKES[166]NEELTESCETK	5.2E-12	3.38567E-06	ET[181]TCSKESNEELTESCETK	6.82	#	1	1	1	3	X	X	X	ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.1	3	12.1	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1048	2	ET[83]TCSKES[166]NEELTESCETK	5.05	3.43	ET[83]TCSKES[166]NEELTESCETK	4.18E-08	0.026775719	ET[181]TCSKES[69]NEELTESCETK	8.69	#	1	1	1	3	X	X	X	ET[83]TCSKES[166]NEELTESCETK	ET[83]TCSKES[166]NEELTESCETK	0.3	2	0.0	27.1	0	1	0	-	0	1	-	1
EXP2	fp_exp2_lap_Fr6.1049	3	ET[83]TCSKES[69]NEELTESCETK	4.75	3.46	ETT[83]CSKES[69]NEELTESCETK	6.51E-12	3.95234E-06			#	1	1	0	2	X			ET[83]TCSKES[69]NEELTESCETK	ET[83]TCSKES[69]NEELTESCETK	0.1	2	0.0	50.6	0	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr6.1061	2	ETTCSKES[166]NEELTESCETK	3.97	3.40	ETTCSKES[166]NEELTESCETK	5.11E-09	0.003287223	ET[181]TCSKESNEELTESCETK	9.11	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.5	2	43.3	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1062	3	ETTCSKES[69]NEELTESCETK	4.23	4.19	ETTCSKES[69]NEELTESCETK	8.77E-09	0.005376845	ETTCSKES[69]NEELTESCETK	9.12	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	56.3	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.1121	2	KDS[166]GEDPATCAFQR	4.47	6.37	KDS[166]GEDPATCAFQR	1.35E-11	4.97514E-06	KDS[166]GEDPATCAFQR	10.64	#	1	1	1	3	X	X	X	KDS[166]GEDPATCAFQR	KDS[166]GEDPATCAFQR	-1.6	2	104.2	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.1122	3	KDS[69]GEDPATCAFQR	2.99	3.96	KDS[69]GEDPATCAFQR	1.19E-07	0.039259323	KDS[69]GEDPATCAFQR	7.16	#	1	1	1	3	X	X	X	KDS[69]GEDPATCAFQR	KDS[69]GEDPATCAFQR	-1.5	2	62.4	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.1163	2	ETTCSKES[166]NEELTESCETK	4.37	3.18	ETTCSKES[166]NEELTESCETK	1.49E-10	9.68705E-05	ETTCS[166]KESNEELTESCETK	6.93	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.3	3	14.1	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1181	2	ETTCSKES[166]NEELTESCETK	4.77	3.63	ETTCSKES[166]NEELTESCETK	1.32E-08	0.008591061	ET[181]TCSKESNEELTESCETK	9.91	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.1	3	41.2	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1182	3	ETTCSKES[69]NEELTESCETK	3.69	3.35	ETTCSKES[69]NEELTESCETK	2.14E-08	0.013142259	ETTCSKES[69]NEELTESCETK	10.14	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	36.2	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.1184	2	VTEPIS[166]AES[166]GEQVER	4.18	5.33				VTEPIS[166]AES[166]GEQVER	8.51	#	1	0	1	2		X		VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	-1.2	2	59.3	74.7	1	1	0	-	1	1	-	1
EXP2	fp_exp2_lap_Fr6.1185	3	VTEPIS[166]AES[69]GEQVER	3.74	4.79	VTEPIS[166]AES[69]GEQVER	2.76E-08	0.010441881	VTEPIS[69]AES[166]GEQVER	8.66	#	1	1	1	3	X	X	X	VTEPIS[166]AES[69]GEQVER	VTEPIS[69]AES[166]GEQVER	-0.4	2	42.7	78.0	1	1	0	-	1	1	-	1
EXP2	fp_exp2_lap_Fr6.1252	2	S[166]S[166]SPVKKSDGK	2.64	4.04						#	1	0	0	1				S[166]S[166]SPVKKSDGK	S[166]S[166]SPVKKSDGK	-0.6	2	32.3	40.0	1	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr6.1281	2	ETTCSKES[166]NEELTESCETK	4.50	3.25	ETTCSKES[166]NEELTESCETK	1.5E-12	9.75423E-07	ET[181]TCSKESNEELTESCETK	7.11	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCS[166]KESNEELTESCETK	-1.0	3	13.1	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1299	2	ETTCSKES[166]NEELTESCETK	4.16	5.22	ETTCSKES[166]NEELTESCETK	2.98E-08	0.019319238	ETTCS[166]KESNEELTESCETK	9.06	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.7	2	41.2	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1300	3	ETTCSKES[69]NEELTESCETK	4.09	3.59	ETTCSKES[69]NEELTESCETK	1.52E-08	0.00928138	ETTCSKES[69]NEELTESCETK	9.20	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCS[69]KESNEELTESCETK	-1.3	2	11.7	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1328	2	FSVVYAKCDSSPDS[166]AEDVR	3.55	4.13						#	1	0	0	1				FSVVYAKCDSSPDS[166]AEDVR	FSVVYAKCDSSPDS[166]AEDVR	1.5	2	44.4	-	1	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.1329	3	FSVVYAKCDSSPDS[69]AEDVR	3.23	3.70						#	1	0	0	1				FSVVYAKCDSSPDS[69]AEDVR	FSVVYAKCDSSPDS[69]AEDVR	1.4	2	47.1	-	1	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.1330	2	FSVVYAKCDSSPDS[166]AEDVR	3.80	4.35	FSVVYAKCDSSPDS[166]AEDVR	1.24E-10	7.35412E-05	FSVVYAKCDSSPDS[166]AEDVR	9.12	#	1	1	1	3	X	X	X	FSVVYAKCDSSPDS[166]AEDVR	FSVVYAKCDSSPDS[166]AEDVR	1.1	3	58.2	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.1398	2	ETTCSKES[166]NEELTESCETK	4.73	3.60	ETTCSKES[166]NEELTESCETK	2.42E-11	1.57357E-05	ETTCS[166]KESNEELTESCETK	7.23	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.4	3	7.9	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1416	2	ETTCSKES[166]NEELTESCETK	4.72	6.10	ETTCSKES[166]NEELTESCETK	5.42E-07	0.352050939	ET[181]TCSKESNEELTESCETK	8.30	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	2	56.7	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1417	3	ETTCSKES[69]NEELTESCETK	4.05	3.66	ETTCSKES[69]NEELTESCETK	6.28E-09	0.003842792	ETT[83]CSKESNEELTESCETK	10.44	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.4	2	38.2	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1486	3	EQQDS[69]PGNKDFLQSLK	3.05	5.48				EQQDS[69]PGNKDFLQSLK	7.81	#	1	0	1	2		X		EQQDS[69]PGNKDFLQSLK	EQQDS[69]PGNKDFLQSLK	-0.4	2	95.0	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.1513	2	ETT[181]CSKESNEELTESCETK	3.91	2.86	ETTCSKES[166]NEELTESCETK	2.47E-10	0.000158786			#	1	1	0	2	X			ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.8	3	5.1	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.1535	2				ETTCSKES[166]NEELTESCETK	3.44E-07	0.223418649			#	0	1	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	0.7	2	40.6	-	1	-		1				
EXP2	fp_exp2_lap_Fr6.1536	3	ETTCSKES[69]NEELTESCETK	4.53	4.08	ETTCSKES[69]NEELTESCETK	2.33E-07	0.142619417	ETTCSKES[69]NEELTESCETK	9.93	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.3	2	45.6	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.1620	2	DSGRDYVS[166]QFEGSALGK	3.84	3.73						#	1	0	0	1				DSGRDYVS[166]QFEGSALGK	DSGRDYVS[166]QFEGSALGK	-0.4	2	45.0	-	1	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.1621	3	DSGRDYVS[69]QFEGSALGK	3.78	3.02	DSGRDYVS[69]QFEGSALGK	1.56E-07	0.065744051	DSGRDYVS[69]QFEGSALGK	8.30	#	1	1	1	3	X	X	X	DSGRDYVS[69]QFEGSALGK	DSGRDYVS[69]QFEGSALGK	-1.5	2	37.8	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.1635	2	ETTCSKES[166]NEELTESCETK	4.40	3.35	ETTCSKES[166]NEELTESCETK	1.04E-09	0.000672371	ETTCS[166]KESNEELTESCETK	6.73	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.5	3	11.2	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1654	2				ETTCSKES[166]NEELTESCETK	1.3E-07	0.083808549			#	0	1	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	1.3	2	37.5	-	1	-		1				
EXP2	fp_exp2_lap_Fr6.1655	3	ETTCSKES[69]NEELTESCETK	4.20	3.52	ETTCSKES[69]NEELTESCETK	3.15E-12	1.93126E-06	ETTCSKES[69]NEELTESCETK	10.59	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	40.2	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.1750	2	ETTCSKES[166]NEELTESCETK	4.17	3.18	ETTCS[166]KESNEELTESCETK	3.11E-10	0.000202051	ETTCS[166]KESNEELTESCETK	7.18	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.5	3	28.0	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1769	2	ETTCSKES[166]NEELTESCETK	3.80	4.47	ETTCSKES[166]NEELTESCETK	6.89E-08	0.044297966	ETTCS[166]KESNEELTESCETK	8.80	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.5	2	37.5	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1770	3	ETTCSKES[69]NEELTESCETK	4.28	3.48	ETTCSKES[69]NEELTESCETK	1.44E-08	0.008807388	ETT[83]CSKESNEELTESCETK	9.81	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.6	2	28.4	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1863	2	ETT[181]CSKESNEELTESCETK	3.85	3.24	ETTCSKES[166]NEELTESCETK	1.89E-10	0.000122593	ETTCS[166]KESNEELTESCETK	6.91	#	1	1	1	3	X	X	X	ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.7	3	12.1	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1882	2	ETTCSKES[166]NEELTESCETK	4.05	3.06	ETTCSKES[166]NEELTESCETK	2.88E-08	0.018710645	ET[181]TCSKESNEELTESCETK	9.38	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.7	2	50.6	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.1883	3	ETTCSKES[69]NEELTESCETK	5.13	4.77	ETTCSKES[69]NEELTESCETK	4.98E-09	0.003040708	ETTCSKES[69]NEELTESCETK	10.63	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.3	2	36.4	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.1984	2	ETT[181]CSKESNEELTESCETK	4.30	3.49	ETTCSKES[166]NEELTESCETK	4.7E-11	3.02482E-05	ETTCS[166]KESNEELTESCETK	6.71	#	1	1	1	3	X	X	X	ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.8	3	15.8	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.2003	2	ETTCSKES[166]NEELTESCETK	4.05	3.67	ETTCSKES[166]NEELTESCETK	1.46E-08	0.009506848	ETTCS[166]KESNEELTESCETK	9.50	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	0.1	3	59.1	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.2004	3	ETTCSKES[69]NEELTESCETK	4.45	4.00	ETTCSKES[69]NEELTESCETK	3.37E-08	0.020483201	ETTCSKES[69]NEELTESCETK	9.82	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.1	2	38.0	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.2098	2	ETT[181]CSKESNEELTESCETK	4.39	3.73	ETTCS[166]KESNEELTESCETK	6.26E-12	4.07322E-06			#	1	1	0	2	X			ETT[181]CSKESNEELTESCETK	ETTCS[166]KESNEELTESCETK	-1.1	3	6.3	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.2118	2	ETTCSKES[166]NEELTESCETK	4.30	3.21	ETTCSKES[166]NEELTESCETK	3.1E-08	0.019956494	ET[181]TCSKESNEELTESCETK	8.44	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.5	2	34.9	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.2119	3	ETTCSKES[69]NEELTESCETK	3.66	3.42	ETTCSKES[69]NEELTESCETK	1.99E-07	0.122153226	ETTCSKES[69]NEELTESCETK	9.76	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.6	2	40.2	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.2218	2	ETT[181]CSKESNEELTESCETK	4.23	3.24	ETTCSKES[166]NEELTESCETK	1.06E-11	6.90814E-06	ET[181]TCSKESNEELTESCETK	6.77	#	1	1	1	3	X	X	X	ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.1	3	5.2	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.2235	2	ETTCSKES[166]NEELTESCETK	3.48	5.00	ETTCSKES[166]NEELTESCETK	7.86E-09	0.005103473	ET[181]TCSKESNEELTESCETK	9.03	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.6	2	56.7	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.2236	3	ETTCSKES[69]NEELTESCETK	3.91	3.71	ETTCSKES[69]NEELTESCETK	1.66E-08	0.010152593	ETTCSKES[69]NEELTESCETK	11.01	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.3	2	39.4	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.2331	2	ETTCSKES[166]NEELTESCETK	4.07	2.85	ETTCSKES[166]NEELTESCETK	1.87E-11	1.21455E-05			#	1	1	0	2	X			ETTCSKES[166]NEELTESCETK	ETTCS[166]KESNEELTESCETK	-0.7	3	7.0	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.2348	2				ETTCSKES[166]NEELTESCETK	1.11E-07	0.072244851	ET[181]TCSKESNEELTESCETK	8.50	#	0	1	1	2			X	Y[243]FIDFVARETTCS[166]KES[166]NEELTESCETK	Y[243]FIDFVARETT[181]CSKES[166]NEELTESCETK	0.1	3	5.3	15.3	0	0	0	-	0	0	-	0
EXP2	fp_exp2_lap_Fr6.2349	3	ETTCSKES[69]NEELTESCETK	3.71	3.51	ETTCSKES[69]NEELTESCETK	2.54E-07	0.155472982	ETTCSKES[69]NEELTESCETK	9.43	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.3	2	47.1	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.2424	2	ETT[83]CSKES[166]NEELTESCETK	4.12	3.47						#	1	0	0	1				ETT[83]CSKES[166]NEELTESCETK	ETT[181]CSKES[69]NEELTESCETK	-0.3	2	0.0	15.2	0	0	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr6.2445	2	ETTCS[166]KESNEELTESCETK	4.09	2.87	ETTCS[166]KESNEELTESCETK	3.61E-09	0.002337683	ET[181]TCSKESNEELTESCETK	6.83	#	1	1	1	3	X	X	X	ETTCS[166]KESNEELTESCETK	ETTCS[166]KESNEELTESCETK	-1.2	3	8.0	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.2465	2				ETTCSKES[166]NEELTESCETK	6.78E-08	0.044011493	ET[181]TCSKESNEELTESCETK	9.47	#	0	1	1	2			X	Y[243]FIDFVARET[181]TCSKES[166]NEELTESCETK	Y[243]FIDFVARETT[181]CSKES[166]NEELTESCETK	-0.1	3	10.4	15.3	0	0	0	-	0	0	-	0
EXP2	fp_exp2_lap_Fr6.2466	3	ETTCSKESNEELT[83]ESCETK	3.56	4.26				ETTCSKES[69]NEELTESCETK	9.70	#	1	0	1	2		X		ETTCSKESNEELT[83]ESCETK	ETTCSKES[69]NEELTESCETK	-0.6	2	38.2	-	1	-	0	-	1	-	-	-

EXP2	fp_exp2_lap_Fr6.2567	2	ETTCSKES[166]NEELTESCETK	4.35	3.52	ETTCSKES[166]NEELTESCETK	8.07E-09	0.005239794	ETTCS[166]KESNEELTESCETK	7.69	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.6	3	17.2	-	0	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.2585	2	ETTCSKES[166]NEELTESCETK	4.24	3.49	ETTCSKES[166]NEELTESCETK	7.67E-08	0.049345546	ETTCS[166]KESNEELTESCETK	8.36	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.6	2	41.2	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.2586	3	ETTCSKES[69]NEELTESCETK	3.94	3.70	ETTCSKES[69]NEELTESCETK	4.49E-07	0.274837224	ETTCSKES[69]NEELTESCETK	8.68	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	39.2	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.2700	2	ETTCS[166]KESNEELTESCETK	4.57	2.83	ETTCSKES[166]NEELTESCETK	3.21E-11	2.08462E-05			#	1	1	0	2	X			ETTCS[166]KESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	3	3.6	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.2707	2				ETTCSKES[166]NEELTESCETK	5.71E-08	0.036756536			#	0	1	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	1.4	2	40.6	-	1	-		1				
EXP2	fp_exp2_lap_Fr6.2708	3	ETTCSKES[69]NEELTESCETK	4.20	4.05				ETTCSKES[69]NEELTESCETK	8.76	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.6	2	28.4	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.2834	2	ETTCSKES[166]NEELTESCETK	4.18	3.05	ETTCS[166]KESNEELTESCETK	2.32E-08	0.014895059			#	1	1	0	2	X			ETTCSKES[166]NEELTESCETK	ETT[181]CSKESNEELTESCETK	-1.9	3	5.6	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.2894	2	ETTCSKES[166]NEELTESCETK	3.89	3.37	ETTCSKES[166]NEELTESCETK	3.01E-07	0.195146211	ETTCS[166]KESNEELTESCETK	8.28	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.6	2	45.7	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.2895	3	ETTCSKES[69]NEELTESCETK	3.52	4.02	ETTCSKES[69]NEELTESCETK	3.03E-07	0.185841437			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	34.3	-	1	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.749	2	CDSSPDS[166]AEDVRK	3.69	4.71				CDSSPDS[166]AEDVRK	8.17	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	0.2	2	38.1	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.750	3	CDSSPDS[69]AEDVRK	2.87	3.64				CDSSPDS[69]AEDVRK	8.71	#	1	0	1	2		X		CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-0.3	2	27.9	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.770	2				CDSSPDS[166]AEDVRK	6.38E-08	0.020233332			#	0	1	0	1				CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	0.0	3	38.3	-	1	-		1				
EXP2	fp_exp2_lap_Fr6.771	3	CDSSPDS[69]AEDVRK	3.75	5.18	CDSSPDS[69]AEDVRK	2.77E-08	0.007763526	CDSSPDS[69]AEDVRK	7.54	#	1	1	1	3	X	X	X	CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-0.8	3	42.8	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.878	2	ETTCSKES[166]NEELTESCETK	4.37	4.09	ETTCSKES[166]NEELTESCETK	9.24E-07	0.601952504	ET[181]TCSKESNEELTESCETK	8.65	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.3	2	42.4	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.879	3	ETTCSKES[69]NEELTESCETK	3.35	3.57						#	1	0	0	1				ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	0.2	2	28.2	-	1	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.924	2	ETT[181]CSKESNEELTESCETK	4.17	3.90				ET[181]TCSKESNEELTESCETK	7.30	#	1	0	1	2		X		ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	1.2	3	24.0	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr6.957	2				ATEDEGS[166]EQKIPEATNR	4.19E-09	0.002031073			#	0	1	0	1				ATEDEGS[166]EQKIPEATNR	ATEDEGS[166]EQKIPEATNR	0.5	2	50.4	-	1	-		1				
EXP2	fp_exp2_lap_Fr6.958	3	ATEDEGS[69]EQKIPEATNR	4.09	4.27	ATEDEGS[69]EQKIPEATNR	2.6E-07	0.115930857	ATEDEGS[69]EQKIPEATNR	9.75	#	1	1	1	3	X	X	X	ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.6	2	46.9	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr6.967	2	TRSPDVIS[166]SASTALSQDIPEIASEALSR	3.62	3.64						#	1	0	0	1				TRSPDVIS[166]SASTALSQDIPEIASEALSR	TRSPDVIS[166]SASTALSQDIPEIASEALSR	1.4	3	1.8	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr6.981	3	ET[83]TCSKES[69]NEELTESCETKK	4.61	2.77						#	1	0	0	1				ET[83]TCSKES[69]NEELTESCETKK	ET[83]TCSKES[69]NEELTESCETKK	-1.4	2	0.0	27.1	0	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr6.989	2	ET[181]T[181]CSKESNEELTESCETK	4.35	3.14	ET[181]T[181]CSKESNEELTESCETK	3.84E-08	0.025302531			#	1	1	0	2	X			ET[181]T[181]CSKESNEELTESCETK	ETTCS[166]KES[166]NEELTESCETK	-1.3	3	3.5	24.5	0	1	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr8.1205	2	AEFGKY[243]GHIIKVFLMKDR	3.72	3.32						#	1	0	0	1				AEFGKY[243]GHIIKVFLMKDR	AEFGKY[243]GHIIKVFLMKDR	-1.5	3	-	-	-	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr8.1354	2				YHSLT[181]GGRPFPKTTSTLKEVYR	8.96E-09	0.006376858			#	0	1	0	1				YHSLT[181]GGRPFPKTTSTLKEVYR	YHSLT[181]GGRPFPKTTSTLKEVYR	1.6	3	16.7	-	0	-		1				
EXP2	fp_exp2_lap_Fr8.1462	2	CQCDELCS[69]Y[243]YQSCCTDYTAECKPQVTR	3.59	3.98						#	1	0	0	1				CQCDELCS[69]Y[243]YQSCCTDYTAECKPQVTR	CQCDELCS[69]Y[243]YQSCCTDYTAECKPQVTR	1.8	3	33.3	10.6	1	0	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr8.1475	2				DT[181]WVEHWPEEDECQDEENQK	3.75E-08	0.027300334			#	0	1	0	1				DT[181]WVEHWPEEDECQDEENQK	DT[181]WVEHWPEEDECQDEENQK	0.2	3	-	-	-	-		1				
EXP2	fp_exp2_lap_Fr8.1630	2	VQS[166]TELCAGHLAGGTDSCQGDSGGPLVCFEKDK	4.60	3.51	VQS[166]TELCAGHLAGGTDSCQGDSGGPLVCFEKDK	2E-15	1.43206E-09			#	1	1	0	2	X			VQS[166]TELCAGHLAGGTDSCQGDSGGPLVCFEKDK	VQS[166]TELCAGHLAGGTDSCQGDSGGPLVCFEKDK	-0.1	3	35.3	-	1	-	0	1	-	-	-	-
EXP2	fp_exp2_lap_Fr8.1631	3	VQS[69]TELCAGHLAGGTDSCQGDSGGPLVCFEKDK	4.46	2.72	VQS[69]TELCAGHLAGGTDSCQGDSGGPLVCFEKDK	1.13E-07	0.089788162			#	1	1	0	2	X			VQS[69]TELCAGHLAGGTDSCQGDSGGPLVCFEKDK	VQS[69]TELCAGHLAGGTDSCQGDSGGPLVCFEKDK	-1.5	3	15.3	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr8.1697	2	ANLSPS[166]SSFRAQRS[166]ARGSTFSLWQDIPDVR	2.66	3.85						#	1	0	0	1				ANLSPS[166]SSFRAQRS[166]ARGSTFSLWQDIPDVR	ANLSPS[166]SSFRAQRS[166]ARGSTFSLWQDIPDVR	0.5	3	5.8	9.6	0	0	0	-	-	1	-	-
EXP2	fp_exp2_lap_Fr8.1716	2				FS[69]PKAS[69]LQPPLQMHLSRT[181]STK	7.19E-07	0.475001388			#	0	1	0	1				FS[69]PKAS[69]LQPPLQMHLSRT[181]STK	FS[69]PKAS[69]LQPPLQMHLSRT[181]STK	-0.4	3	46.5	56.4	1	1		1			1	
EXP2	fp_exp2_lap_Fr8.1926	2				RDDGT[181]GQLLLPLS[166]DARKLT[181]FR	7.57E-07	0.535646115			#	0	1	0	1				RDDGT[181]GQLLLPLS[166]DARKLT[181]FR	RDDGT[181]GQLLLPLS[166]DARKLT[181]FR	1.1	3	-	-	-	-		1				
EXP2	fp_exp2_lap_Fr8.728	2	Y[243]IEACARRIVQNS[69]NGY[243]K	2.85	3.66						#	1	0	0	1				Y[243]IEACARRIVQNS[69]NGY[243]K	Y[243]IEACARRIVQNS[69]NGY[243]K	-0.8	3	-	-	-	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr8.741	2	CDSSPDS[166]AEDVRK	4.11	5.14				CDSSPDS[166]AEDVRK	9.60	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.3	2	42.6	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr8.840	2	CDSSPDS[166]AEDVR	3.38	4.87	CDSSPDS[166]AEDVR	2.13E-06	0.562422848	CDSSPDS[166]AEDVR	7.67	#	1	1	1	3	X	X	X	CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.3	2	49.4	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr8.909	2	ETTCSKES[166]NEELTESCETK	4.07	3.37	ETTCSKES[166]NEELTESCETK	5.92E-08	0.03842519	ET[181]TCSKESNEELTESCETK	7.58	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.5	2	45.7	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr8.910	3	ETTCSKES[69]NEELTESCETK	4.43	3.36	ETTCS[69]KESNEELTESCETK	2.13E-10	0.000130627	ETT[83]CSKESNEELTESCETK	9.91	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.2	2	28.4	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr8.995	2	HIQETEWQS[166]QEGK	4.10	6.05	HIQETEWQS[166]QEGK	1.87E-08	0.006980934	HIQETEWQS[166]QEGK	9.44	#	1	1	1	3	X	X	X	HIQETEWQS[166]QEGK	HIQETEWQS[166]QEGK	-0.2	2	64.0	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr8.996	3	HIQETEWQS[69]QEGK	4.25	6.19	HIQETEWQS[69]QEGK	5.82E-13	1.94804E-07	HIQETEWQS[69]QEGK	11.76	#	1	1	1	3	X	X	X	HIQETEWQS[69]QEGK	HIQETEWQS[69]QEGK	-0.4	2	97.7	-	1	-	0	1	1	-	-	-
EXP2	fp_exp2_lap_Fr9.1073	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	4.18	5.35	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	2.89E-12	2.26005E-06			#	1	1	0	2	X			VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-1.0	3	-	-	-	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr9.1074	3	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	4.10	2.34	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	2.58E-12	1.9865E-06	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	6.63	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	-1.2	3	-	-	-	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr9.1133	2	DQGNQEQDPNIS[166]NGEEEEEKEPGEVGTHNDNQER	4.49	5.46	DQGNQEQDPNIS[166]NGEEEEEKEPGEVGTHNDNQER	4E-15	3.03115E-09	DQGNQEQDPNIS[166]NGEEEEEKEPGEVGTHNDNQER	6.92	#	1	1	1	3	X	X	X	DQGNQEQDPNIS[166]NGEEEEEKEPGEVGTHNDNQER	DQGNQEQDPNIS[166]NGEEEEEKEPGEVGTHNDNQER	-1.2	3	73.4	-	1	-	0	1	1	-	-	-
EXP2	fp_exp2_lap_Fr9.1216	2				KGQT[181]KDPALNT[83]S[69]LPQK	6.83E-07	0.273009592			#	0	1	0	1				KGQT[181]KDPALNT[83]S[69]LPQK	KGQT[181]KDPALNT[83]S[69]LPQK	0.5	3	-	-	-	-		1				
EXP2	fp_exp2_lap_Fr9.1787	2				KELSGSS[166]SAPKLEYT[83]VR	8.25E-07	0.386655952			#	0	1	0	1				KELSGSS[166]SAPKLEYT[83]VR	KELS[69]GSSSAPKLEY[243]TVR	0.3	3	3.2	0.0	0	0		0			0	
EXP2	fp_exp2_lap_Fr9.2249	2				IS[69]PIILNT[83]VLTIMAALS[166]PKTK	3.56E-07	0.218869894			#	0	1	0	1				IS[69]PIILNT[83]VLTIMAALS[166]PKTK	IS[69]PIILNTVLT[83]IMAALS[166]PKTK	-0.1	3	7.2	9.4	0	0		1			0	
EXP2	fp_exp2_lap_Fr9.737	2	CDSSPDS[166]AEDVRK	3.25	4.17				CDSSPDS[166]AEDVRK	8.27	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-1.1	2	47.1	-	1	-	0	-	1	-	-	-
EXP2	fp_exp2_lap_Fr9.842	3	ETTCSKES[69]NEELTESCETKK	4.04	4.03	ETTCSKES[69]NEELTESCETKK	5.29E-09	0.00343408			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.4	3	15.9	-	0	-	0	-	-	-	-	-
EXP2	fp_exp2_lap_Fr9.907	2	ETTCSKES[166]NEELTESCETK	3.89	3.50	ETTCSKES[166]NEELTESCETK	2.73E-09	0.001772605	ETTCS[166]KESNEELTESCETK	7.41	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.4	2	57.5	-	1	-	0	-	0	-	-	-
EXP2	fp_exp2_lap_Fr9.908	3	ETTCSKES[69]NEELTESCETK	4.51	3.65	ETTCSKES[69]NEELTESCETK	1.63E-09	0.0009987	ETTCSKES[69]NEELTESCETK	6.75	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.3	2	28.4	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1015	2	CDSSPDS[166]AEDVRK	3.96	5.06				CDSSPDS[166]AEDVRK	8.63	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.5	2	40.2	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1018	3	CDSSPDS[69]AEDVRK	3.32	4.21	CDSSPDS[69]AEDVRK	1.83E-09	5.13E-04	CDSS[69]PDSAEDVRK	7.36	#	1	1	1	3	X	X	X	CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.1	3	49.8	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.1108	3	ETTCSKES[69]NEELTESCETKK	4.73	3.93				ET[83]TCSKESNEELTESCETKK	10.26	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETTCS[69]KESNEELTESCETKK	0.1	2	15.3	-	0	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr10.1119	3	ETTCSKES[69]NEELTESCETKK	5.26	4.33	ETTCSKES[69]NEELTESCETKK	3.33E-11	2.17E-05	ETT[83]CSKESNEELTESCETKK	9.48	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.9	3	42.2	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.1181	2	ETT[181]CSKESNEELTESCETK	4.25	3.48	ETTCSKES[166]NEELTESCETK	9.45E-13	6.14E-07	ETTCS[166]KESNEELTESCETK	7.83	#	1	1	1	3	X	X	X	ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.7	3	8.0	-	0	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.1187	2				ETTCSKES[166]NEELTESCETK	1.50E-07	9.65E-02	ET[181]TCSKESNEELTESCETK	7.55	#	0	1	1	2			X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	0.1	2	89.2	-	1	-	-	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.1188	3	ETTCSKES[69]NEELTESCETK	3.27	3.39	ETTCSKES[69]NEELTESCETK	4.16E-08	2.55E-02	ETTCSKES[69]NEELTESCETK	7.09	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.5	2	28.7	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1225	3	ETTCS[69]KES[69]NEELTESCETKK	5.74	4.33	ET[83]TCSKES[69]NEELTESCETKK	0.00E+00	2.56E-12			#	1	1	0	2	X			ETTCS[69]KES[69]NEELTESCETKK	ETT[83]CSKES[69]NEELTESCETKK	-1.9	3	7.1	25.7	0	1	0	0	-	1	1	-
EXP3	fp_exp3_lap_Fr10.1242	3	ETTCSKES[69]NEELTESCETKK	4.66	3.41	ETTCSKES[69]NEELTESCETKK	1.16E-07	7.47E-02	ETTCS[69]KESNEELTESCETKK	7.21	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.4	3	15.6	-	0	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.1336	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	3.91	5.50	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	1.18E-08	9.19E-03			#	1	1	0	2	X			VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-0.5	3	-	-	-	-	0	1	-	-	-	-
EXP3	fp_exp3_lap_Fr10.1337	3	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	4.34	4.78	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	4.60E-14	3.59E-08	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	7.61	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	-1.5	3	-	-	-	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.1378	3	ETTCSKES[69]NEELTESCETKK	4.25	2.64	ETTCSKES[69]NEELTESCETKK	2.31E-08	1.49E-02	ETTCSKES[69]NEELTESCETKK	8.65	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.6	3	10.9	-	0	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1421	3	ETTCSKESNEELT[83]ESCETKK	3.83	3.45				ETTCSKES[69]NEELTESCETKK	8.85	#	1	0	1	2		X		ETTCSKESNEELT[83]ESCETKK	ETT[83]CSKESNEELTESCETKK	-0.7	2	0.0	-	0	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr10.1503	3	ETTCSKES[69]NEELTESCETKK	4.29	2.87	ETTCSKES[69]NEELTESCETKK	1.27E-11	8.18E-06	ETTCS[69]KESNEELTESCETKK	7.96	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.6	3	19.7	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.1567	3	ETTCSKES[69]NEELTESCETKK	4.13	2.97				ETT[83]CSKESNEELTESCETKK	9.17	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETT[83]CSKESNEELTESCETKK	-1.4	2	0.0	-	0	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1624	3	ETTCSKES[69]NEELTESCETKK	3.85	3.83	ETTCSKES[69]NEELTESCETKK	7.94E-09	5.13E-03	ET[83]TCSKESNEELTESCETKK	7.32	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.8	3	30.1	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.1633	3	ELAM[147]KAES[166]GPNETK	2.49	4.01						#	1	0	0	1				ELAM[147]KAES[166]GPNETK	ELAM[147]KAES[166]GPNETK	-0.7	2	21.6	-	1	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr10.1684	2	ETTCSKES[166]NEELTESCETKK	2.70	3.83						#	1	0	0	1				ETTCSKES[166]NEELTESCETKK	ETTCSKES[166]NEELTESCETKK	0.1	2	12.3	-	0	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr10.1685	3	ETTCSKES[69]NEELTESCETKK	3.36	5.24	ET[83]TCSKESNEELTESCETKK	1.22E-08	7.88E-03	ETTCS[69]KESNEELTESCETKK	9.70	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCS[69]KESNEELTESCETKK	0.0	2	5.7	-	0	-	0	0	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1760	3	ETTCS[69]KESNEELTESCETKK	3.76	3.12	ETTCSKES[69]NEELTESCETKK	1.02E-07	6.57E-02	ETTCSKES[69]NEELTESCETKK	7.58	#	1	1	1	3	X	X	X	ETTCS[69]KESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.6	3	9.3	-	0	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1813	2	SYFEKS[166]KEQLTPLIK	2.63	5.01	SYFEKS[166]KEQLTPLIK	3.51E-12	1.60E-06	SYFEKS[166]KEQLTPLIK	7.24	#	1	1	1	3	X	X	X	SYFEKS[166]KEQLTPLIK	SYFEKS[166]KEQLTPLIK	-0.8	3	39.0	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1814	3	SYFEKS[69]KEQLTPLIK	4.04	5.43	SYFEKS[69]KEQLTPLIK	3.99E-12	1.69E-06	SYFEKS[69]KEQLTPLIK	8.09	#	1	1	1	3	X	X	X	SYFEKS[69]KEQLTPLIK	SYFEKS[69]KEQLTPLIK	-1.5	3	60.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1825	2	SYFEKS[166]KEQLTPLIK	3.90	5.54						#	1	0	0	1				SYFEKS[166]KEQLTPLIK	SYFEKS[166]KEQLTPLIK	-0.6	2	49.8	-	1	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr10.1826	3	SYFEKS[69]KEQLTPLIK	3.96	4.46	SYFEKS[69]KEQLTPLIK	1.16E-09	4.87E-04	SYFEKS[69]KEQLTPLIK	9.53	#	1	1	1	3	X	X	X	SYFEKS[69]KEQLTPLIK	SYFEKS[69]KEQLTPLIK	-0.7	2	79.0	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1828	2	KQLGAGS[166]IEECAAKCEEDEEFTCR	5.24	7.00	KQLGAGS[166]IEECAAKCEEDEEFTCR	0.00E+00	3.72E-10	KQLGAGS[166]IEECAAKCEEDEEFTCR	7.96	#	1	1	1	3	X	X	X	KQLGAGS[166]IEECAAKCEEDEEFTCR	KQLGAGS[166]IEECAAKCEEDEEFTCR	-1.1	3	155.9	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1829	3	KQLGAGS[69]IEECAAKCEEDEEFTCR	5.70	6.87	KQLGAGS[69]IEECAAKCEEDEEFTCR	0.00E+00	0.00E+00	KQLGAGS[69]IEECAAKCEEDEEFTCR	9.93	#	1	1	1	3	X	X	X	KQLGAGS[69]IEECAAKCEEDEEFTCR	KQLGAGS[69]IEECAAKCEEDEEFTCR	-1.7	3	191.0	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.1860	2	VLGKDHLPS[166]S[69]PGLLMVGEDMQPK	2.79	3.94						#	1	0	0	1				VLGKDHLPS[166]S[69]PGLLMVGEDMQPK	VLGKDHLPS[166]S[69]PGLLMVGEDMQPK	0.5	3	-	-	-	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr10.1898	3	ETTCSKES[69]NEELTESCETKK	4.32	3.54	ETTCSKES[69]NEELTESCETKK	3.84E-09	2.49E-03	ETTCSKES[69]NEELTESCETKK	7.15	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.7	3	19.2	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.2008	3	ETTCSKES[69]NEELTESCETKK	4.00	3.35				ET[83]TCSKESNEELTESCETKK	8.34	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.7	2	39.4	-	1	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr10.2046	3	ETTCSKES[69]NEELTESCETKK	4.65	4.02	ETTCSKES[69]NEELTESCETKK	3.85E-09	2.49E-03	ETTCS[69]KESNEELTESCETKK	9.01	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.8	3	38.0	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.2137	3	ETT[83]CSKESNEELTESCETKK	3.90	3.48				ETT[83]CSKESNEELTESCETKK	8.71	#	1	0	1	2		X		ETT[83]CSKESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.7	2	24.6	-	1	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr10.2164	3	ETTCSKES[69]NEELTESCETKK	3.64	4.69	ETTCSKES[69]NEELTESCETKK	7.88E-09	5.13E-03	ETTCSKES[69]NEELTESCETKK	8.86	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.9	3	20.8	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.2289	3	ETTCSKES[69]NEELTESCETKK	4.02	2.86	ETTCSKES[69]NEELTESCETKK	7.04E-08	4.54E-02	ETTCSKES[69]NEELTESCETKK	7.93	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.4	3	9.4	-	0	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.2383	3	ETTCSKES[69]NEELTESCETKK	4.29	2.97				ET[83]TCSKESNEELTESCETKK	9.05	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.7	2	14.7	-	0	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr10.2413	3	ETTCSKES[69]NEELTESCETKK	4.26	2.49	ETTCS[69]KESNEELTESCETKK	1.30E-10	8.39E-05	ET[83]TCSKESNEELTESCETKK	10.50	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.7	3	9.3	-	0	-	0	0	0	-	-	-
EXP3	fp_exp3_lap_Fr10.2501	3	ETTCSKES[69]NEELTESCETKK	4.60	3.17				ETTCS[69]KESNEELTESCETKK	8.11	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.6	2	28.7	-	1	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr10.2528	3	ETTCSKES[69]NEELTESCETKK	4.51	2.86	ETTCSKES[69]NEELTESCETKK	1.58E-12	1.02E-06	ETTCS[69]KESNEELTESCETKK	8.21	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.8	3	21.2	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.2618	3	ETTCSKES[69]NEELTESCETKK	4.48	3.50				ET[83]TCSKESNEELTESCETKK	8.58	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETT[83]CSKESNEELTESCETKK	-0.7	2	0.0	-	0	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr10.2736	3	ETTCSKES[69]NEELTESCETKK	4.58	4.10	ETTCSKES[69]NEELTESCETKK	2.15E-08	1.40E-02	ETT[83]CSKESNEELTESCETKK	8.93	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.7	2	49.0	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.2784	2	YQAMVHCGS[166]IRQT[181]ATILSM[147]DK	2.34	4.15						#	1	0	0	1				YQAMVHCGS[166]IRQT[181]ATILSM[147]DK	Y[243]QAMVHCGSIRQT[181]ATILSM[147]DK	-0.4	3	4.4	4.5	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr10.2803	3	ETTCSKES[69]NEELTESCETKK	4.44	3.23	ETTCSKES[69]NEELTESCETKK	6.21E-10	4.01E-04	ETTCSKES[69]NEELTESCETKK	8.12	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.4	3	13.7	-	0	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr10.2852	3	ETTCSKES[69]NEELTESCETKK	4.07	3.69				ET[83]TCSKESNEELTESCETKK	9.65	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETT[83]CSKESNEELTESCETKK	-0.6	2	0.0	-	0	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr10.2921	3	ETTCSKES[69]NEELTESCETKK	4.68	3.72	ETTCSKES[69]NEELTESCETKK	1.96E-08	1.26E-02	ETT[83]CSKESNEELTESCETKK	9.52	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.6	3	14.5	-	0	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.3038	3	ETTCSKES[69]NEELTESCETKK	4.63	2.97	ETTCSKES[69]NEELTESCETKK	5.06E-09	3.27E-03	ETTCS[69]KESNEELTESCETKK	8.97	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.4	3	9.4	-	0	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.3090	3	ETTCSKES[69]NEELTESCETKK	4.51	3.65	ETTCSKES[69]NEELTESCETKK	1.43E-08	9.26E-03	ETT[83]CSKESNEELTESCETKK	9.50	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.6	2	13.3	-	0	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr10.3201	3	ET[83]TCSKESNEELTESCETKK	4.43	4.29				ET[83]TCSKESNEELTESCETKK	9.73	#	1	0	1	2		X		ET[83]TCSKESNEELTESCETKK	ETT[83]CSKESNEELTESCETKK	-0.7	2	0.0	-	0	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr10.3232	3	ETTCSKES[69]NEELTESCETKK	4.33	2.96	ETTCSKES[69]NEELTESCETKK	3.26E-12	2.11E-06	ETTCSKES[69]NEELTESCETKK	8.90	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.5	3	17.1	-	0	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr11.1090	3	ETTCSKES[69]NEELTESCETKK	4.78	3.80				ET[83]TCSKESNEELTESCETKK	8.86	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.6	2	15.7	-	0	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr11.1118	2	KATEDEGS[166]EQKIPEATNR	3.05	4.13	KATEDEGS[166]EQKIPEATNR	2.60E-11	1.41E-05	KATEDEGS[166]EQKIPEATNR	7.10	#	1	1	1	3	X	X	X	KATEDEGS[166]EQKIPEATNR	KATEDEGS[166]EQKIPEATNR	-0.5	2	62.1	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr11.1119	3	KATEDEGS[69]EQKIPEATNR	5.17	4.82	KATEDEGS[69]EQKIPEATNR	9.11E-12	4.55E-06	KATEDEGS[69]EQKIPEATNR	11.63	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-0.6	2	72.8	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr11.1151	2	ETTCSKES[166]NEELTESCETK	4.10	3.18	ETTCSKES[166]NEELTESCETK	1.48E-07	9.58E-02	ETTCS[166]KESNEELTESCETK	8.06	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.5	2	52.5	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr11.1152	3	ETTCSKES[69]NEELTESCETK	3.75	3.43	ETTCSKES[69]NEELTESCETK	2.58E-09	1.58E-03	ETTCSKES[69]NEELTESCETK	8.81	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.3	2	28.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr11.1153	2	ETTCSKES[166]NEELTESCETK	4.27	3.02	ETTCSKES[166]NEELTESCETK	8.16E-13	5.30E-07			#	1	1	0	2	X			ETTCSKES[166]NEELTESCETK	ETTCS[166]KESNEELTESCETK	-0.6	3	4.6	-	0	-	0	0	-	-	-	-
EXP3	fp_exp3_lap_Fr11.1285	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	3.62	5.41						#	1	0	0	1				VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-1.3	3	-	-	-	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr11.1343	2	NEDETS[166]ADLVET[181]INENVIEDNK	4.09	3.55						#	1	0	0	1				NEDETS[166]ADLVET[181]INENVIEDNK	NEDETS[166]ADLVET[181]INENVIEDNK	1.4	3	23.3	26.2	1	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr11.1427	3	ETTCSKES[69]NEELTESCETKK	3.17	4.08						#	1	0	0	1				ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.7	3	7.6	-	0	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr11.1656	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	5.23	4.14	HTFM[147]GVVSLGSPS[166]GEVSHPR	4.48E-10	2.60E-04	HTFMGVVSLGSPSGEVS[166]HPR	9.80	#	1	1	1	3	X	X	X	HTFM[147]GVVSLGSPS[166]GEVSHPR	HTFM[147]GVVSLGSPS[166]GEVSHPR	-1.3	3	31.3	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr11.1858	2	HTFMGVVSLGSPS[166]GEVSHPR	5.96	4.76	HTFMGVVSLGSPS[166]GEVSHPR	3.15E-12	1.82E-06	HTFMGVVSLGSPS[166]GEVSHPR	10.20	#	1	1	1	3	X	X	X	HTFMGVVSLGSPS[166]GEVSHPR	HTFMGVVSLGSPS[166]GEVSHPR	-0.6	3	51.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr11.1995	3	ETTCSKES[69]NEELTESCETKK	4.76	3.32	ETTCSKES[69]NEELTESCETKK	2.36E-08	1.53E-02	ETTCS[69]KESNEELTESCETKK	6.90	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.9	3	6.7	-	0	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr11.2122	3	ETTCSKES[69]NEELTESCETKK	3.75	3.08	ETTCSKES[69]NEELTESCETKK	1.30E-08	8.39E-03			#	1	1	0	2	X			ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.3	3	19.2	-	1	-	0	1	-	-	-	-
EXP3	fp_exp3_lap_Fr11.3144	3	ETTCS[69]KESNEELTESCETKK	3.90	2.99	ETTCSKES[69]NEELTESCETKK	4.76E-09	3.07E-03	ETTCSKES[69]NEELTESCETKK	6.93	#	1	1	1	3	X	X	X	ETTCS[69]KESNEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.8	3	6.7	-	0	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr11.988	2	CDSSPDS[166]AEDVRK	3.29	4.40				CDSSPDS[166]AEDVRK	8.58	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.4	2	38.1	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr11.989	3	CDSS[69]PDSAEDVRK	3.30	3.84	CDSSPDS[69]AEDVRK	5.72E-08	1.60E-02	CDSSPDS[69]AEDVRK	8.77	#	1	1	1	3	X	X	X	CDSS[69]PDSAEDVRK	CDSSPDS[69]AEDVRK	-0.1	2	27.9	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr11.997	3	CDSSPDS[69]AEDVRK	3.10	3.95	CDSSPDS[69]AEDVRK	1.61E-09	4.56E-04			#	1	1	0	2	X			CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.2	3	37.8	-	1	-	0	1	-	-	-	-
EXP3	fp_exp3_lap_Fr12.1021	2	CDSSPDS[166]AEDVRK	3.67	4.48				CDSSPDS[166]AEDVRK	8.24	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.8	2	45.7	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr12.1027	3	CDSSPDS[69]AEDVRK	3.27	4.27	CDSSPDS[69]AEDVRK	2.56E-10	7.27E-05	CDSSPDS[69]AEDVRK	7.94	#	1	1	1	3	X	X	X	CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.4	3	42.8	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr12.1133	2	ETTCSKES[166]NEELTESCETKK	2.86	4.21						#	1	0	0	1				ETTCSKES[166]NEELTESCETKK	ETTCSKES[166]NEELTESCETKK	-0.8	2	32.5	-	1	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr12.1134	3	ETTCSKES[69]NEELTESCETKK	4.07	3.62				ET[83]TCSKESNEELTESCETKK	8.40	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.7	2	20.8	-	1	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr12.1178	3	KATEDEGS[69]EQKIPEATNR	4.33	4.31	KATEDEGS[69]EQKIPEATNR	2.11E-12	1.05E-06	KATEDEGS[69]EQKIPEATNR	11.29	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-0.7	2	64.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr12.1190	3	EETTSHLRS[69]CEYK	2.68	4.76				EET[83]TSHLRSCEYK	7.45	#	1	0	1	2		X		EETTSHLRS[69]CEYK	EETTSHLRS[69]CEYK	-0.7	2	25.7	-	1	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr12.1200	3	ETTCSKES[166]NEELTESCETK	3.36	3.65	ETTCSKES[166]NEELTESCETK	1.62E-07	1.05E-01	ET[181]TCSKESNEELTESCETK	8.20	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	53.5	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr12.1201	3	ETTCSKES[69]NEELTESCETK	4.56	4.63	ETTCSKES[69]NEELTESCETK	5.57E-10	3.41E-04	ETTCSKES[69]NEELTESCETK	9.80	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	28.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr12.1254	2	ETTCS[166]KES[166]NEELTESCETK	2.69	4.92						#	1	0	0	1				ETTCS[166]KES[166]NEELTESCETK	ETT[181]CSKES[166]NEELTESCETK	-1.5	2	0.0	29.1	0	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr12.1781	2	HTFM[147]GVVSLGSPS[166]GEVSHPR	4.25	3.27	HTFM[147]GVVSLGSPS[166]GEVSHPR	1.77E-09	1.03E-03	HTFMGVVSLGS[166]PSGEVSHPR	6.63	#	1	1	1	3	X	X	X	HTFM[147]GVVSLGSPS[166]GEVSHPR	HTFM[147]GVVSLGSPS[166]GEVSHPR	-1.7	3	55.5	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr12.1782	3	HTFM[147]GVVSLGSPS[69]GEVSHPR	5.01	3.55	HTFM[147]GVVSLGSPS[69]GEVSHPR	0.00E+00	1.54E-10	HTFMGVVSLGSPS[69]GEVSHPR	10.02	#	1	1	1	3	X	X	X	HTFM[147]GVVSLGSPS[69]GEVSHPR	HTFM[147]GVVSLGSPS[69]GEVSHPR	-1.8	3	25.1	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr12.2659	2	VHLPVGS[166]HADVVRRS[166]HVPEIPEPIPLLFHVPELR	3.34	4.47						#	1	0	0	1				VHLPVGS[166]HADVVRRS[166]HVPEIPEPIPLLFHVPELR	VHLPVGS[166]HADVVRRS[166]HVPEIPEPIPLLFHVPELR	0.6	3	-	-	-	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr13.1060	3	ETTCSKES[69]NEELTESCETKK	4.48	3.67	ETTCSKES[69]NEELTESCETKK	1.59E-10	1.02E-04	ETTCSKES[69]NEELTESCETKK	8.42	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-1.5	3	33.7	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr13.1113	2	KATEDEGS[166]EQKIPEATNR	2.95	4.37	KATEDEGS[166]EQKIPEATNR	1.36E-09	7.35E-04	KATEDEGS[166]EQKIPEATNR	7.06	#	1	1	1	3	X	X	X	KATEDEGS[166]EQKIPEATNR	KATEDEGS[166]EQKIPEATNR	-0.6	2	46.9	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr13.1114	3	KATEDEGS[69]EQKIPEATNR	4.44	4.19	KATEDEGS[69]EQKIPEATNR	5.10E-14	2.56E-08	KATEDEGS[69]EQKIPEATNR	12.12	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-0.8	2	72.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr13.1134	3	ETTCSKES[69]NEELTESCETK	3.84	3.70	ETTCSKES[69]NEELTESCETK	2.18E-08	1.33E-02	ETTCSKES[69]NEELTESCETK	8.25	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.8	2	40.2	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr13.1294	3	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	3.90	4.05	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	0.00E+00	2.05E-10	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	6.92	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	-1.9	3	-	-	-	-	0	0	0	-	-	-
EXP3	fp_exp3_lap_Fr13.2765	2	MLRPGGAEEAAQLPLRRAS[166]APVPVPS[166]PAAPDGSRASAR	3.53	3.79						#	1	0	0	1				MLRPGGAEEAAQLPLRRAS[166]APVPVPS[166]PAAPDGSRASAR	MLRPGGAEEAAQLPLRRAS[166]APVPVPS[166]PAAPDGSRASAR	-0.3	3	10.5	7.2	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr13.956	2	CDSSPDS[166]AEDVRK	3.30	4.15				CDSSPDS[166]AEDVRK	9.01	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.6	2	33.2	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr13.960	3	CDSSPDS[69]AEDVRK	3.39	4.70	CDSSPDS[69]AEDVRK	6.10E-09	1.73E-03	CDSSPDS[69]AEDVRK	7.92	#	1	1	1	3	X	X	X	CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.6	3	42.8	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr14.1275	3	IGEIKEETTSHLRS[69]CEYK	3.68	3.75				IGEIKEETTSHLRS[69]CEYK	6.91	#	1	0	1	2		X		IGEIKEETTSHLRS[69]CEYK	IGEIKEETTSHLRS[69]CEYK	-0.6	2	64.2	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr14.1972	2	EAPAEGEAAEPGSPTAAEGEAASAASSTSSPKAEDGAT[181]PSPS[166]NETP	2.48	4.30						#	1	0	0	1				EAPAEGEAAEPGSPTAAEGEAASAASSTSSPKAEDGAT[181]PSPS[166]NETPK	PAEGEAAEPGSPTAAEGEAASAAS[166]STSS[166]PKAEDGATPSPSNE	1.4	3	0.0	0.0	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr16.1005	2	KATEDEGS[166]EQKIPEATNR	3.46	3.40	KATEDEGS[166]EQKIPEATNR	8.87E-10	4.80E-04			#	1	1	0	2	X			KATEDEGS[166]EQKIPEATNR	KATEDEGS[166]EQKIPEATNR	-1.0	3	28.2	-	1	-	0	1	-	-	-	-
EXP3	fp_exp3_lap_Fr16.1006	3	KATEDEGS[69]EQKIPEATNR	4.11	2.99	KATEDEGS[69]EQKIPEATNR	2.90E-14	1.42E-08	KATEDEGS[69]EQKIPEATNR	10.78	#	1	1	1	3	X	X	X	KATEDEGS[69]EQKIPEATNR	KATEDEGS[69]EQKIPEATNR	-1.7	3	24.2	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr16.1018	2	ETTCS[166]KESNEELTESCETK	3.84	3.27	ETTCSKES[166]NEELTESCETK	5.94E-11	3.86E-05	ETTCS[166]KESNEELTESCETK	7.01	#	1	1	1	3	X	X	X	ETTCS[166]KESNEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.0	3	5.9	-	0	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr16.1023	2	ETTCSKES[166]NEELTESCETK	4.74	5.23	ETTCSKES[166]NEELTESCETK	1.89E-07	1.22E-01	ET[181]TCSKESNEELTESCETK	7.78	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.5	3	39.3	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr16.1024	3	ETTCSKES[69]NEELTESCETK	4.45	3.31	ETTCSKES[69]NEELTESCETK	1.68E-10	1.03E-04	ETTCSKES[69]NEELTESCETK	10.32	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.6	2	43.5	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr16.1169	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	4.45	5.36	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	1.76E-11	1.38E-05			#	1	1	0	2	X			VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-1.8	3	-	-	-	-	0	1	-	-	-	-
EXP3	fp_exp3_lap_Fr16.2887	2	AARLQY[243]LKMAFPELPES[166]ELVPFLTRNYLK	3.05	3.79						#	1	0	0	1				AARLQY[243]LKMAFPELPES[166]ELVPFLTRNYLK	AARLQY[243]LKMAFPELPES[166]ELVPFLTRNYLK	1.0	3	35.3	17.3	1	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr16.3094	2	GEGDGTY[243]FARRGAGRR	2.43	4.55						#	1	0	0	1				GEGDGTY[243]FARRGAGRR	GEGDGTY[243]FARRGAGRR	0.6	3	11.1	-	0	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr16.880	3	CDSSPDS[69]AEDVRK	3.58	5.25	CDSSPDS[69]AEDVRK	2.01E-08	5.71E-03			#	1	1	0	2	X			CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.2	3	42.8	-	1	-	0	1	-	-	-	-
EXP3	fp_exp3_lap_Fr16.966	3	ETTCSKES[69]NEELTESCETKK	3.98	4.14	ETTCSKES[69]NEELTESCETKK	6.06E-10	3.91E-04	ETTCS[69]KESNEELTESCETKK	7.13	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCS[69]KESNEELTESCETKK	-1.9	3	8.0	-	0	-	0	0	1	-	-	-
EXP3	fp_exp3_lap_Fr16.972	3	ETTCSKES[69]NEELTESCETKK	4.71	3.94	ETTCS[69]KESNEELTESCETKK	2.05E-08	1.33E-02	ET[83]TCSKESNEELTESCETKK	7.86	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETKK	ETTCSKES[69]NEELTESCETKK	-0.6	2	37.8	-	1	-	0	0	0	-	-	-
EXP3	fp_exp3_lap_fr2.1228	2	VTEPIS[166]AES[166]GEQVER	5.12	6.26	VTEPIS[166]AES[166]GEQVER	1.82E-09	7.63E-04	VTEPIS[166]AES[166]GEQVER	9.94	#	1	1	1	3	X	X	X	VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	-0.1	2	64.5	96.0	1	1	0	1	1	1	1	1
EXP3	fp_exp3_lap_fr2.1229	3	VTEPIS[166]AES[69]GEQVER	3.49	4.25	VTEPIS[166]AES[69]GEQVER	1.67E-09	6.33E-04	VTEPIS[69]AES[166]GEQVER	11.30	#	1	1	1	3	X	X	X	VTEPIS[166]AES[69]GEQVER	VTEPIS[69]AES[166]GEQVER	-0.6	2	41.5	72.1	1	1	0	0	1	1	1	1
EXP3	fp_exp3_lap_fr2.1250	3	VTEPIS[166]AES[69]GEQVER	3.80	2.97						#	1	0	0	1				VTEPIS[166]AES[69]GEQVER	VTEPIS[166]AES[69]GEQVER	-1.2	3	30.1	19.6	1	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_fr2.2264	2	T[181]RPKVSLGGAS[166]RK	2.47	4.12						#	1	0	0	1				T[181]RPKVSLGGAS[166]RK	T[181]RPKVSLGGAS[166]RK	-0.8	3	14.7	7.4	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr3.1089	2	CDSSPDS[166]AEDVR	3.93	5.50	CDSSPDS[166]AEDVR	5.80E-07	1.53E-01	CDSSPDS[166]AEDVR	10.49	#	1	1	1	3	X	X	X	CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.6	2	56.3	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr3.1090	3	CDSSPDS[69]AEDVR	2.93	3.88				CDSS[69]PDSAEDVR	7.97	#	1	0	1	2		X		CDSSPDS[69]AEDVR	CDSSPDS[69]AEDVR	-0.6	2	28.7	-	1	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr3.1285	2	CDSSPDS[166]AEDVR	3.46	4.35				CDSSPDS[166]AEDVR	7.52	#	1	0	1	2		X		CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-1.4	2	44.8	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr3.1302	2	EKNGGCY[243]SELHVEDT[181]TFFLTLLPLFIFQLLYR	3.57	3.99						#	1	0	0	1				EKNGGCY[243]SELHVEDT[181]TFFLTLLPLFIFQLLYR	EKNGGCY[243]SELHVEDT[181]TFFLTLLPLFIFQLLYR	1.2	3	12.3	0.0	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr3.1306	2	ETT[83]CSKES[166]NEELTESCETK	4.66	3.30	ET[83]TCSKES[166]NEELTESCETK	1.06E-07	6.78E-02	ET[181]T[83]CSKESNEELTESCETK	7.69	#	1	1	1	3	X	X	X	ETT[83]CSKES[166]NEELTESCETK	ET[83]TCSKES[166]NEELTESCETK	-0.4	2	0.0	43.3	0	1	0	1	0	1	1	0
EXP3	fp_exp3_lap_Fr3.1307	3	ETT[83]CSKES[69]NEELTESCETK	5.29	3.99	ETT[83]CSKES[69]NEELTESCETK	9.90E-14	6.02E-08			#	1	1	0	2	X			ETT[83]CSKES[69]NEELTESCETK	ET[83]TCSKES[69]NEELTESCETK	-0.6	2	0.0	68.2	0	1	0	0	-	1	1	-
EXP3	fp_exp3_lap_Fr3.1332	2	CGT[181]Y[243]T[181]KNMRPVYPTKTFPNHYSIVTGLYPESHGIIDNK	3.25	3.46						#	1	0	0	1				CGT[181]Y[243]T[181]KNMRPVYPTKTFPNHYSIVTGLYPESHGIIDNK	CGT[181]Y[243]T[181]KNMRPVYPTKTFPNHYSIVTGLYPESHGIIDNK	-1.3	3	16.9	19.5	0	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr3.1367	2	FDVETKVCPVLIELT[181]APDS[166]NDDVK	2.34	4.63						#	1	0	0	1				FDVETKVCPVLIELT[181]APDS[166]NDDVK	FDVETKVCPVLIELT[181]APDS[166]NDDVK	-1.0	2	4.7	40.0	0	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr3.1417	2	VTEPIS[166]AES[166]GEQVER	4.10	5.54	VTEPIS[166]AES[166]GEQVER	1.32E-08	5.46E-03	VTEPIS[166]AES[166]GEQVER	11.46	#	1	1	1	3	X	X	X	VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	0.0	2	59.0	78.0	1	1	0	1	1	1	1	1
EXP3	fp_exp3_lap_Fr3.1418	3	VTEPIS[69]AES[166]GEQVER	4.41	3.86	VTEPIS[69]AES[166]GEQVER	5.07E-10	1.92E-04	VTEPIS[69]AES[166]GEQVER	10.79	#	1	1	1	3	X	X	X	VTEPIS[69]AES[166]GEQVER	VTEPIS[69]AES[166]GEQVER	-0.5	2	60.6	91.6	1	1	0	1	1	1	1	1
EXP3	fp_exp3_lap_Fr3.1426	2	VTEPISAES[166]GEQVER	4.66	5.94	VTEPISAES[166]GEQVER	7.35E-12	2.86E-06	VTEPISAES[166]GEQVER	11.35	#	1	1	1	3	X	X	X	VTEPISAES[166]GEQVER	VTEPISAES[166]GEQVER	-0.5	2	57.5	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr3.1427	3	VTEPISAES[69]GEQVER	3.73	4.69	VTEPISAES[69]GEQVER	5.87E-09	2.04E-03	VTEPISAES[69]GEQVER	9.77	#	1	1	1	3	X	X	X	VTEPISAES[69]GEQVER	VTEPISAES[69]GEQVER	-0.1	2	68.5	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr3.1504	2	YSVMINKATPYNYPVPVRDDGNM[147]PDVPS[166]HPQDPQGPS[166]LEWLK	1.78	5.64						#	1	0	0	1				YSVMINKATPYNYPVPVRDDGNM[147]PDVPS[166]HPQDPQGPS[166]LEWLK	VMINKATPYNYPVPVRDDGNM[147]PDVPS[166]HPQDPQGPS[166]LEW	0.1	3	0.0	0.0	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr3.2619	2	NRAASAAGAAGS[166]AGGSSGAAGAAGGGAGAGTRPGDGGTASAGAAGPG	2.53	4.62						#	1	0	0	1				RS[166]NRAASAAGAAGS[166]AGGSSGAAGAAGGGAGAGTRPGDGGTASAGAAGPGAATKA	AAGAAGSAGGSSGAAGAAGGGAGAGT[181]RPGDGGT[181]ASAGAAG	1.0	3	5.8	6.7	0	0	0	-	-	0	-	-
EXP3	fp_exp3_lap_Fr4.1254	2	EVTLPLPRPQDLKLRDVT[181]HS[69]T[181]MNVFWEPVPGKVR	3.06	3.64						#	1	0	0	1				EVTLPLPRPQDLKLRDVT[181]HS[69]T[181]MNVFWEPVPGKVR	EVT[181]LPLPRPQDLKLRDVT[181]HS[69]TMNVFWEPVPGKVR	1.2	3	18.5	7.8	1	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr4.1332	2	TWDRTPVS[69]MAAS[69]FEDGLYMQS[166]VVDAIK	2.78	3.84						#	1	0	0	1				TWDRTPVS[69]MAAS[69]FEDGLYMQS[166]VVDAIK	T[83]WDRTPVSMAAS[69]FEDGLY[243]MQSVVDAIK	-1.2	3	3.3	8.0	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr4.1793	2	S[166]KQPS[166]AAGNLDEQT[83]PGECFCRSCFVTSSEVWKR	2.26	4.34						#	1	0	0	1				S[166]KQPS[166]AAGNLDEQT[83]PGECFCRSCFVTSSEVWKR	S[166]KQPS[166]AAGNLDEQT[83]PGECFCRSCFVTSSEVWKR	0.1	3	33.5	43.1	1	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr4.2696	2	GHQHQAWGS[166]RPPAAECAT[83]QRAPGS[69]VVELLGK	1.14	6.28						#	1	0	0	1				GHQHQAWGS[166]RPPAAECAT[83]QRAPGS[69]VVELLGK	GHQHQAWGS[166]RPPAAECAT[83]QRAPGS[69]VVELLGK	-1.0	2	-	-	-	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr4.3083	2	FILLPVS[166]Y[243]AVVFVLGLGLNAPT[181]LWLFIFR	1.79	4.53						#	1	0	0	1				FILLPVS[166]Y[243]AVVFVLGLGLNAPT[181]LWLFIFR	FILLPVS[166]Y[243]AVVFVLGLGLNAPT[181]LWLFIFR	1.1	2	-	-	-	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr4.915	2	CDSSPDS[166]AEDVR	3.87	5.34	CDSSPDS[166]AEDVR	8.87E-07	2.34E-01	CDSSPDS[166]AEDVR	8.46	#	1	1	1	3	X	X	X	CDSSPDS[166]AEDVR	CDSSPDS[166]AEDVR	-0.2	2	56.3	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr4.916	3	CDSSPDS[69]AEDVR	3.12	3.62	CDSSPDS[69]AEDVR	1.19E-07	2.72E-02	CDSSPDS[69]AEDVR	7.39	#	1	1	1	3	X	X	X	CDSSPDS[69]AEDVR	CDSSPDS[69]AEDVR	-0.4	2	28.7	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr5.1282	3	RLTLGNT[83]TSSVILTNY[243]MDT[181]QYYGEIGIGTPPQTFK	2.22	4.20						#	1	0	0	1				RLTLGNT[83]TSSVILTNY[243]MDT[181]QYYGEIGIGTPPQTFK	RLTLGNT[83]TSSVILTNY[243]MDT[181]QYYGEIGIGTPPQTFK	-1.7	3	0.0	7.8	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr5.1295	2	GLSDHVSLDGQELGT[181]RS[166]GGRR	2.90	3.88						#	1	0	0	1				GLSDHVSLDGQELGT[181]RS[166]GGRR	GLSDHVSLDGQELGT[181]RS[166]GGRR	0.4	3	63.9	73.9	1	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr5.1297	2	FPSEYVPTVFDNY[243]AVTVMIGGEPY[243]TLGLFDTAGQEDYDR	3.20	4.24						#	1	0	0	1				FPSEYVPTVFDNY[243]AVTVMIGGEPY[243]TLGLFDTAGQEDYDR	FPSEY[243]VPTVFDNYAVTVMIGGEPY[243]TLGLFDTAGQEDYDR	1.2	3	2.4	0.0	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr5.1381	2	S[166]CESNSPFPVHPGTAECCTK	4.34	4.18	S[166]CESNSPFPVHPGTAECCTK	4.49E-08	2.85E-02			#	1	1	0	2	X			S[166]CESNSPFPVHPGTAECCTK	S[166]CESNSPFPVHPGTAECCTK	-1.9	3	39.4	-	1	-	0	1	-	-	-	-
EXP3	fp_exp3_lap_Fr5.1382	3	S[69]CESNSPFPVHPGTAECCTK	3.80	3.06	S[69]CESNSPFPVHPGTAECCTK	5.44E-11	3.34E-05	S[69]CESNSPFPVHPGTAECCTK	8.02	#	1	1	1	3	X	X	X	S[69]CESNSPFPVHPGTAECCTK	S[69]CESNSPFPVHPGTAECCTK	-1.1	3	23.7	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr5.1597	3	ETTCSKES[69]NEELTESCETK	4.07	4.05						#	1	0	0	1				ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	54.7	-	1	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr5.1644	2	T[83]YGGY[243]QGRVFLKGGSDSDASLVIT[181]DLTLEDYGR	2.82	3.78						#	1	0	0	1				T[83]YGGY[243]QGRVFLKGGSDSDASLVIT[181]DLTLEDYGR	T[83]Y[243]GGYQGRVFLKGGSDSDASLVIT[181]DLTLEDYGR	0.4	3	16.7	4.3	0	0	0	-	-	0	-	-
EXP3	fp_exp3_lap_Fr5.2014	3	ETTCSKES[69]NEELTESCETK	3.68	3.76	ETTCSKES[69]NEELTESCETK	2.38E-08	1.46E-02	ETTCSKES[69]NEELTESCETK	7.35	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.9	2	23.7	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr5.2632	2	ETTCSKES[166]NEELTESCETK	3.41	4.23						#	1	0	0	1				ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.4	2	34.9	-	1	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr5.3054	2	TNPANIEGNAETAQVLGLT[181]PWMDYEFRVIAS[166]NILGTGEPS[69]GPSS	2.63	3.94						#	1	0	0	1				TNPANIEGNAETAQVLGLT[181]PWMDYEFRVIAS[166]NILGTGEPS[69]GPSSK	3]NPANIEGNAETAQVLGLT[181]PWMDY[243]EFRVIASNILGTGEPSGPS	0.7	3	0.0	17.3	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr5.3068	2	ETTCSKES[166]NEELTESCETK	3.49	3.19	ETTCSKES[166]NEELTESCETK	6.85E-09	4.45E-03			#	1	1	0	2	X			ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.5	3	13.2	-	0	-	0	1	-	-	-	-
EXP3	fp_exp3_lap_Fr5.776	2	CDSSPDS[166]AEDVRK	3.45	4.61				CDSSPDS[166]AEDVRK	8.63	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.4	2	48.4	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr5.944	2	ETTCSKES[166]NEELTESCETK	4.07	4.04				ETTCS[166]KESNEELTESCETK	7.31	#	1	0	1	2		X		ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.6	2	50.6	-	1	-	0	-	0	-	-	-
EXP3	fp_exp3_lap_Fr5.945	3	ETTCSKES[69]NEELTESCETK	4.51	3.87	ETTCSKES[69]NEELTESCETK	1.69E-09	1.04E-03	ETTCSKES[69]NEELTESCETK	8.98	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.8	2	38.1	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr5.947	2	ETTCSKES[166]NEELTESCETK	4.42	2.30	ETTCSKES[166]NEELTESCETK	1.10E-10	7.06E-05	ETTCS[166]KESNEELTESCETK	6.98	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.9	3	4.6	-	0	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr5.995	3	ATEDEGS[69]EQKIPEATNR	4.05	4.32	ATEDEGS[69]EQKIPEATNR	1.90E-07	8.48E-02	ATEDEGS[69]EQKIPEATNR	10.99	#	1	1	1	3	X	X	X	ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.7	2	23.5	-	1	-	0	1	1	-	-	-

EXP3	fp_exp3_lap_Fr6.1017	2	ETT[181]CS[69]KESNEELTESCETKK	4.90	2.88	ET[181]TCSKES[69]NEELTESCETKK	1.20E-12	7.93E-07	ET[181]T[83]CSKESNEELTESCETKK	7.09	#	1	1	1	3	X	X	X	ETT[181]CS[69]KESNEELTESCETKK	ETT[83]CS[166]KESNEELTESCETKK	-1.3	3	0.0	10.9	0	0	0	0	0	1	0	1
EXP3	fp_exp3_lap_Fr6.1018	3	ET[83]TCSKES[69]NEELTESCETKK	4.95	3.18	ETT[83]CSKES[69]NEELTESCETKK	0.00E+00	1.20E-14			#	1	1	0	2	X			ET[83]TCSKES[69]NEELTESCETKK	ETT[83]CSKES[69]NEELTESCETKK	-1.8	3	6.1	27.9	0	1	0	1	-	1	1	-
EXP3	fp_exp3_lap_Fr6.1106	2	ETTCSKES[166]NEELTESCETK	4.08	2.82	ETTCSKES[166]NEELTESCETK	2.23E-10	1.45E-04	ETTCS[166]KESNEELTESCETK	7.04	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	3	20.3	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr6.1218	3	ETTCSKES[69]NEELTESCETK	3.82	3.89				ETTCSKES[69]NEELTESCETK	7.30	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.8	2	23.7	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr6.1244	2	ETTCSKES[166]NEELTESCETK	4.35	2.77	ETTCSKES[166]NEELTESCETK	2.93E-12	1.90E-06	ET[181]TCSKESNEELTESCETK	7.24	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCS[166]KESNEELTESCETK	-1.2	3	7.0	-	0	-	0	0	0	-	-	-
EXP3	fp_exp3_lap_Fr6.1405	3	ETTCSKES[69]NEELTESCETK	3.64	3.05	ETTCSKES[69]NEELTESCETK	2.99E-08	1.83E-02	ETTCSKES[69]NEELTESCETK	8.03	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.5	2	28.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr6.1918	2	S[166]IPDYWDSS[166]ALPDPGFQKITLS[166]SSSEEYQKVWNLFNR	2.24	4.69						#	1	0	0	1				S[166]IPDYWDSS[166]ALPDPGFQKITLS[166]SSSEEYQKVWNLFNR	S[166]IPDY[243]WDS[166]SALPDPGFQKITLSSSSEEYQKVWNLFNR	1.0	3	4.3	9.6	0	0	0	-	-	0	-	-
EXP3	fp_exp3_lap_Fr6.1965	2	ETTCSKES[166]NEELTESCETK	3.56	3.48	ETTCSKES[166]NEELTESCETK	2.84E-08	1.84E-02	ETTCS[166]KESNEELTESCETK	8.25	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	2	59.1	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr6.1966	3	ETTCSKES[69]NEELTESCETK	3.66	3.43	ETTCSKES[69]NEELTESCETK	1.45E-08	8.90E-03	ETTCSKES[69]NEELTESCETK	8.35	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.5	2	28.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr6.2086	3	ETTCSKES[69]NEELTESCETK	3.54	3.94				ETTCSKES[69]NEELTESCETK	8.09	#	1	0	1	2		X		ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.9	2	42.6	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr6.2207	3	ETTCSKES[69]NEELTESCETK	3.51	3.65	ETTCSKES[69]NEELTESCETK	5.89E-08	3.61E-02	ETTCSKES[69]NEELTESCETK	6.99	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.3	2	28.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr6.2333	2	ETTCSKES[166]NEELTESCETK	3.48	3.57	ETTCSKES[166]NEELTESCETK	2.28E-08	1.48E-02	ETTCS[166]KESNEELTESCETK	8.30	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	37.5	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr6.2334	3	ETTCSKES[69]NEELTESCETK	3.64	3.87	ETTCSKES[69]NEELTESCETK	4.11E-07	2.52E-01	ETTCSKES[69]NEELTESCETK	8.39	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.8	2	47.1	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr6.2450	3	ETTCSKES[69]NEELTESCETK	3.58	3.62	ETTCSKES[69]NEELTESCETK	2.99E-08	1.83E-02	ETTCSKES[69]NEELTESCETK	8.26	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.8	2	23.7	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr6.2541	2	ETTCSKES[166]NEELTESCETK	4.15	3.18	ETT[181]CSKESNEELTESCETK	1.38E-08	8.95E-03	ETTCS[166]KESNEELTESCETK	6.92	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	3	20.3	-	1	-	0	0	0	-	-	-
EXP3	fp_exp3_lap_Fr6.2570	3	ETTCSKES[69]NEELTESCETK	3.37	3.35	ETTCSKES[69]NEELTESCETK	5.24E-08	3.21E-02	ETTCSKES[69]NEELTESCETK	8.55	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.8	2	25.8	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr6.2691	2	ETTCSKES[166]NEELTESCETK	3.47	3.60	ETTCSKES[166]NEELTESCETK	1.07E-07	6.94E-02	ETTCS[166]KESNEELTESCETK	7.87	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	45.7	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr6.2692	3	ETTCS[69]KESNEELTESCETK	3.51	3.38	ETTCSKES[69]NEELTESCETK	8.52E-09	5.21E-03	ETTCSKES[69]NEELTESCETK	8.98	#	1	1	1	3	X	X	X	ETTCS[69]KESNEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.8	2	16.0	-	0	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr6.2811	2	ETTCSKES[166]NEELTESCETK	3.73	4.04	ETTCSKES[166]NEELTESCETK	1.84E-07	1.20E-01	ET[181]TCSKESNEELTESCETK	7.80	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	2	56.7	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr6.2812	3	ETTCSKES[69]NEELTESCETK	4.17	4.18	ETTCSKES[69]NEELTESCETK	6.55E-11	4.02E-05	ETTCSKES[69]NEELTESCETK	8.94	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.0	2	16.0	-	0	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr6.2934	3	ETTCSKES[69]NEELTESCETK	3.78	3.51	ETTCS[69]KESNEELTESCETK	3.73E-09	2.28E-03	ETTCS[69]KESNEELTESCETK	8.71	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.8	2	28.4	-	1	-	0	0	0	-	-	-
EXP3	fp_exp3_lap_Fr6.3026	2	ETTCS[166]KESNEELTESCETK	4.18	2.59	ETT[181]CSKESNEELTESCETK	1.28E-09	8.23E-04	ET[181]TCSKESNEELTESCETK	6.89	#	1	1	1	3	X	X	X	ETTCS[166]KESNEELTESCETK	ETTCS[166]KESNEELTESCETK	-1.8	3	4.0	-	0	-	0	0	0	-	-	-
EXP3	fp_exp3_lap_Fr6.3054	2	ETTCSKES[166]NEELTESCETK	3.19	4.10	ETTCSKES[166]NEELTESCETK	1.23E-07	7.98E-02	ET[181]TCSKESNEELTESCETK	7.53	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.8	2	53.5	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr6.3059	2	LHHS[166]QS[166]PARSLNSTPPPPPAPAPAPPPALARPR	1.73	4.66						#	1	0	0	1				LHHS[166]QS[166]PARSLNSTPPPPPAPAPAPPPALARPR	LHHSQS[166]PARS[166]LNSTPPPPPAPAPAPPPALARPR	-0.5	2	0.0	0.0	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr6.3176	2	ETTCSKES[166]NEELTESCETK	3.43	3.94	ETTCSKES[166]NEELTESCETK	1.60E-07	1.04E-01	ET[181]TCSKESNEELTESCETK	7.95	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-0.9	2	26.5	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr6.3177	3	ETTCSKES[69]NEELTESCETK	4.50	4.07	ETTCSKES[69]NEELTESCETK	1.23E-08	7.55E-03	ETTCSKES[69]NEELTESCETK	9.59	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-1.5	2	28.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr6.729	2	CDSSPDS[166]AEDVRK	3.19	4.72				CDSSPDS[166]AEDVRK	8.90	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-1.6	2	62.3	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr6.757	3	CDSSPDS[69]AEDVRK	3.63	4.95	CDSSPDS[69]AEDVRK	5.60E-10	1.59E-04	CDSSPDS[69]AEDVRK	8.87	#	1	1	1	3	X	X	X	CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.5	3	49.8	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr6.860	2	VRES[166]DEETQIK	3.72	5.07	VRES[166]DEETQIK	1.56E-08	4.07E-03	VRESDEET[181]QIK	8.73	#	1	1	1	3	X	X	X	VRES[166]DEETQIK	VRES[166]DEETQIK	-0.1	2	50.6	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr6.861	3	VRES[69]DEETQIK	3.16	3.77	VRES[69]DEETQIK	1.04E-08	2.32E-03	VRESDEET[83]QIK	9.15	#	1	1	1	3	X	X	X	VRES[69]DEETQIK	VRES[69]DEETQIK	-0.7	2	67.7	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr6.954	2	ETTCSKES[166]NEELTESCETK	4.29	3.37	ETTCSKES[166]NEELTESCETK	6.00E-15	4.07E-09	ETTCS[166]KESNEELTESCETK	8.21	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	0.5	3	53.2	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr7.1009	2	CDSSPDS[166]AEDVRK	3.38	4.26				CDSSPDS[166]AEDVRK	8.43	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-1.0	2	32.5	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr7.1010	3	CDSSPDS[69]AEDVRK	2.93	3.67				CDSSPDS[69]AEDVRK	8.89	#	1	0	1	2		X		CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-0.3	2	49.1	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr7.1014	2	ETT[181]CSKESNEELTESCETK	3.23	3.54	ETTCS[166]KESNEELTESCETK	1.65E-10	1.06E-04	ETTCS[166]KESNEELTESCETK	7.59	#	1	1	1	3	X	X	X	ETT[181]CSKESNEELTESCETK	ETTCSKES[166]NEELTESCETK	0.9	3	5.2	-	0	-	0	0	0	-	-	-
EXP3	fp_exp3_lap_Fr7.1046	3	ATEDEGS[69]EQKIPEATNR	3.46	3.69				ATEDEGS[69]EQKIPEATNR	10.09	#	1	0	1	2		X		ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.7	2	23.5	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr7.1088	3	CDSSPDS[69]AEDVRK	2.94	4.41						#	1	0	0	1				CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.3	3	26.0	-	1	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr7.1146	2	CDSSPDS[166]AEDVRK	3.49	3.59				CDSSPDS[166]AEDVRK	7.94	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.7	2	42.6	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr7.1204	2	KQLGAGS[166]IEECAAK	5.16	8.90	KQLGAGS[166]IEECAAK	8.51E-13	2.71E-07	KQLGAGS[166]IEECAAK	10.13	#	1	1	1	3	X	X	X	KQLGAGS[166]IEECAAK	KQLGAGS[166]IEECAAK	-0.9	2	-	-	-	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr7.1205	3	KQLGAGS[69]IEECAAK	3.86	6.11	KQLGAGS[69]IEECAAK	2.18E-13	6.07E-08	KQLGAGS[69]IEECAAK	12.04	#	1	1	1	3	X	X	X	KQLGAGS[69]IEECAAK	KQLGAGS[69]IEECAAK	-0.7	2	-	-	-	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr7.1246	2	VTEPIS[166]AES[166]GEQVER	5.24	5.94				VTEPIS[166]AES[166]GEQVER	8.31	#	1	0	1	2		X		VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	-0.6	2	69.7	72.3	1	1	0	-	1	1	-	1
EXP3	fp_exp3_lap_Fr7.1247	3	VTEPIS[166]AES[69]GEQVER	3.84	4.58	VTEPIS[69]AES[166]GEQVER	7.26E-09	2.75E-03	VTEPIS[69]AES[166]GEQVER	9.22	#	1	1	1	3	X	X	X	VTEPIS[166]AES[69]GEQVER	VTEPIS[69]AES[166]GEQVER	-0.6	2	38.7	87.7	1	1	0	1	1	1	1	1
EXP3	fp_exp3_lap_Fr7.1262	2	EPS[166]TS[69]DLGT[181]TDVQK	4.04	3.14				KVTYTS[166]QEDLVEK	10.11	#	1	0	1	2		X		EPS[166]TS[69]DLGT[181]TDVQK	EPS[166]T[181]S[69]DLGTTDVQK	-0.6	2	15.6	16.5	0	0	0	-	0	1	-	0
EXP3	fp_exp3_lap_Fr7.1324	2	IHS[166]LMEKY[243]S[69]ELLQEDDR	2.99	3.68						#	1	0	0	1				IHS[166]LMEKY[243]S[69]ELLQEDDR	IHS[166]LMEKY[243]S[69]ELLQEDDR	0.0	3	-	-	-	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr7.1366	2	YKVDYESQSTDTQNFS[166]SESK	5.26	3.36	YKVDYESQSTDTQNFS[166]SESK	0.00E+00	6.69E-13	YKVDYESQSTDTQNFS[166]SESK	8.69	#	1	1	1	3	X	X	X	YKVDYESQSTDTQNFS[166]SESK	YKVDYESQSTDTQNFS[166]SESK	-1.6	3	11.1	-	0	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr7.1416	2	IS[166]HNEQQRIPFEES[69]QY[243]K	3.19	3.41						#	1	0	0	1				IS[166]HNEQQRIPFEES[69]QY[243]K	IS[166]HNEQQRIPFEES[69]QY[243]K	-0.7	2	-	-	-	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr7.2889	2	NQLIHELMHPVLS[69]GELQPRS[166]IS[166]VEGSSLLIGASNSLVADHLQR	2.82	3.98						#	1	0	0	1				NQLIHELMHPVLS[69]GELQPRS[166]IS[166]VEGSSLLIGASNSLVADHLQR	NQLIHELMHPVLS[69]GELQPRS[166]IS[166]VEGSSLLIGASNSLVADHLQ	1.2	3	7.0	6.9	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr7.3187	2	ETT[181]CSKESNEELTESCETK	3.68	3.04	ETT[181]CSKESNEELTESCETK	1.16E-08	7.49E-03	ETTCS[166]KESNEELTESCETK	6.92	#	1	1	1	3	X	X	X	ETT[181]CSKESNEELTESCETK	ETTCS[166]KESNEELTESCETK	-1.4	3	9.0	-	0	-	0	0	1	-	-	-
EXP3	fp_exp3_lap_Fr7.710	2	CDSSPDS[166]AEDVRK	4.12	5.23				CDSSPDS[166]AEDVRK	8.53	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.3	2	34.9	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr7.711	3	CDSSPDS[69]AEDVRK	3.44	4.25				CDSSPDS[69]AEDVRK	9.14	#	1	0	1	2		X		CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	0.1	2	29.3	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr7.731	3	TTSAKETQS[69]IEK	3.48	3.78	TTSAKETQS[69]IEK	7.99E-09	1.76E-03	TTSAKETQS[69]IEK	9.88	#	1	1	1	3	X	X	X	TTSAKETQS[69]IEK	TTSAKETQS[69]IEK	-0.7	2	40.2	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr7.733	3	CDSSPDS[69]AEDVRK	3.68	5.94	CDSSPDS[69]AEDVRK	3.86E-08	1.09E-02	CDSSPDS[69]AEDVRK	8.11	#	1	1	1	3	X	X	X	CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.3	3	32.0	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr7.802	2	KCMSVLNKT[181]KWK	2.58	4.25						#	1	0	0	1				KCMSVLNKT[181]KWK	KCMSVLNKT[181]KWK	0.0	1	8.0	-	0	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr7.888	2	VRES[166]DEETQIK	3.37	4.93	VRES[166]DEETQIK	3.35E-09	8.70E-04	VRESDEET[181]QIK	7.90	#	1	1	1	3	X	X	X	VRES[166]DEETQIK	VRES[166]DEETQIK	-0.8	2	59.9	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr7.921	2	EM[147]S[69]NS[166]KELTLRIHSK	2.63	3.91						#	1	0	0	1				EM[147]S[69]NS[166]KELTLRIHSK	EM[147]S[69]NS[166]KELTLRIHSK	-0.6	2	68.9	48.1	1	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr8.1024	2	ETT[181]CSKESNEELTESCETK	3.87	2.99	ETTCSKES[166]NEELTESCETK	8.92E-12	5.79E-06			#	1	1	0	2	X			ETT[181]CSKESNEELTESCETK	ETTCS[166]KESNEELTESCETK	-0.9	3	6.7	-	0	-	0	0	-	-	-	-
EXP3	fp_exp3_lap_Fr8.1025	2	ETTCSKES[166]NEELTESCETK	4.31	5.52	ETTCSKES[166]NEELTESCETK	2.94E-09	1.89E-03	ET[181]TCSKESNEELTESCETK	7.70	#	1	1	1	3	X	X	X	ETTCSKES[166]NEELTESCETK	ETTCSKES[166]NEELTESCETK	-1.6	2	40.6	-	1	-	0	1	0	-	-	-
EXP3	fp_exp3_lap_Fr8.1026	3	ETTCSKES[69]NEELTESCETK	4.62	4.55	ETTCSKES[69]NEELTESCETK	2.15E-09	1.32E-03	ETTCSKES[69]NEELTESCETK	9.96	#	1	1	1	3	X	X	X	ETTCSKES[69]NEELTESCETK	ETTCSKES[69]NEELTESCETK	-0.7	2	28.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr8.1070	3	ATEDEGS[69]EQKIPEATNR	3.59	4.01				ATEDEGS[69]EQKIPEATNR	8.01	#	1	0	1	2		X		ATEDEGS[69]EQKIPEATNR	ATEDEGS[69]EQKIPEATNR	-0.6	2	40.8	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr8.1128	2	HIQETEWQS[166]QEGK	4.77	8.12	HIQETEWQS[166]QEGK	5.87E-08	2.21E-02	HIQETEWQS[166]QEGK	8.45	#	1	1	1	3	X	X	X	HIQETEWQS[166]QEGK	HIQETEWQS[166]QEGK	0.0	2	76.7	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr8.1129	3	HIQETEWQS[69]QEGK	4.53	6.23	HIQETEWQS[69]QEGK	3.22E-13	1.08E-07	HIQETEWQS[69]QEGK	10.83	#	1	1	1	3	X	X	X	HIQETEWQS[69]QEGK	HIQETEWQS[69]QEGK	-0.5	2	83.4	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr8.1173	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	3.96	4.93	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	1.51E-11	1.19E-05	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	7.20	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-1.2	3	-	-	-	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr8.1174	3	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	3.69	3.09	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	7.10E-14	5.46E-08	VVQAPKEEEEDEQEAS[166]EEKAS[69]EEEK	7.03	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[69]EEKAS[166]EEEK	-1.7	3	-	-	-	-	0	0	0	-	-	-
EXP3	fp_exp3_lap_Fr8.1197	2	VVQAPKEEEEDEQEAS[166]EEKASEEEK	3.79	4.68	VVQAPKEEEEDEQEAS[166]EEKASEEEK	4.49E-12	3.51E-06	VVQAPKEEEEDEQEAS[166]EEKASEEEK	9.10	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[166]EEKASEEEK	VVQAPKEEEEDEQEAS[166]EEKASEEEK	-1.1	3	42.7	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr8.1198	3	VVQAPKEEEEDEQEAS[69]EEKASEEEK	5.75	3.88	VVQAPKEEEEDEQEAS[69]EEKASEEEK	0.00E+00	1.90E-13	VVQAPKEEEEDEQEAS[69]EEKASEEEK	8.42	#	1	1	1	3	X	X	X	VVQAPKEEEEDEQEAS[69]EEKASEEEK	VVQAPKEEEEDEQEAS[69]EEKASEEEK	-1.8	3	34.8	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr8.1243	2	VTEPIS[166]AES[166]GEQVER	4.47	5.92						#	1	0	0	1				VTEPIS[166]AES[166]GEQVER	VTEPIS[166]AES[166]GEQVER	0.0	2	49.8	46.5	1	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr8.1244	3	VTEPIS[166]AES[69]GEQVER	3.48	5.12						#	1	0	0	1				VTEPIS[166]AES[69]GEQVER	VTEPIS[69]AES[166]GEQVER	-0.5	2	36.2	52.9	1	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr8.2058	2	QM[147]KNIVNNY[243]S[69]EAEIKVR	3.05	4.06						#	1	0	0	1				QM[147]KNIVNNY[243]S[69]EAEIKVR	QM[147]KNIVNNY[243]S[69]EAEIKVR	-0.3	2	-	-	-	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr8.2395	2	EEQMS[166]QAQLFTRSFDDGLGFEYVMFYNDIEK	3.46	3.21						#	1	0	0	1				EEQMS[166]QAQLFTRSFDDGLGFEYVMFYNDIEK	EEQMS[166]QAQLFTRSFDDGLGFEYVMFYNDIEK	1.5	3	4.2	-	0	-	0	-	-	-	-	-
EXP3	fp_exp3_lap_Fr8.2493	2	T[181]QFWRYFAGNLAS[69]GGAAGATSLCFVYPLDFAR	1.78	5.40						#	1	0	0	1				T[181]QFWRYFAGNLAS[69]GGAAGATSLCFVYPLDFAR	T[181]QFWRYFAGNLAS[69]GGAAGATSLCFVYPLDFAR	-0.2	2	8.5	7.2	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr8.3384	2	T[181]DDVCVT[181]KSHR	2.37	4.21						#	1	0	0	1				T[181]DDVCVT[181]KSHR	T[181]DDVCVT[181]KSHR	-0.3	3	52.3	33.8	1	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr8.862	2	CDSSPDS[166]AEDVRK	3.39	3.87				CDSSPDS[166]AEDVRK	7.47	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-1.5	2	45.7	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr8.869	2	CDSSPDS[166]AEDVRK	2.61	4.56	CDSSPDS[166]AEDVRK	1.15E-08	3.69E-03			#	1	1	0	2	X			CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-0.8	3	54.9	-	1	-	0	1	-	-	-	-
EXP3	fp_exp3_lap_Fr8.870	3	CDSSPDS[69]AEDVRK	3.20	3.83	CDSSPDS[69]AEDVRK	5.66E-09	1.60E-03	CDSSPDS[69]AEDVRK	6.80	#	1	1	1	3	X	X	X	CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-1.3	3	51.9	-	1	-	0	1	1	-	-	-
EXP3	fp_exp3_lap_Fr9.1054	2	CDSSPDS[166]AEDVRK	3.44	4.12				CDSSPDS[166]AEDVRK	8.95	#	1	0	1	2		X		CDSSPDS[166]AEDVRK	CDSSPDS[166]AEDVRK	-1.4	2	45.7	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr9.1055	3	CDSSPDS[69]AEDVRK	3.48	3.98				CDSSPDS[69]AEDVRK	8.19	#	1	0	1	2		X		CDSSPDS[69]AEDVRK	CDSSPDS[69]AEDVRK	-0.5	2	41.6	-	1	-	0	-	1	-	-	-
EXP3	fp_exp3_lap_Fr9.1201	2	ETT[181]CSKESNEELTESCETK	4.14	3.41	ETTCSKES[166]NEELTESCETK	2.52E-10	1.62E-04			#	1	1	0	2	X			ETT[181]CSKESNEELTESCETK	ETTCS[166]KESNEELTESCETK	-1.6	3	13.5	-	0	-	0	0	-	-	-	-
EXP3	fp_exp3_lap_Fr9.1263	2	T[181]CYPRGNITMS[69]EAPR	2.64	3.86						#	1	0	0	1				T[181]CYPRGNITMS[69]EAPR	T[181]CYPRGNITMS[69]EAPR	0.7	2	9.4	13.7	0	0	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr9.1346	2	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	4.62	6.21	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	7.90E-11	6.17E-05			#	1	1	0	2	X			VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	VVQAPKEEEEDEQEAS[166]EEKAS[166]EEEK	-0.7	3	-	-	-	-	0	1	-	-	-	-
EXP3	fp_exp3_lap_Fr9.2174	2	RKEY[243]EM[147]KLHT[181]EAQIQEEGTVVELTGR	3.39	3.95						#	1	0	0	1				RKEY[243]EM[147]KLHT[181]EAQIQEEGTVVELTGR	RKEY[243]EM[147]KLHT[181]EAQIQEEGTVVELTGR	0.7	3	36.9	55.5	1	1	0	-	-	1	-	-
EXP3	fp_exp3_lap_Fr9.2239	2	DVLQGS[166]RIIGGT[181]EAQAGAWPWVVSLQIKYGRVLVHVCGGT[83]LVR	2.89	3.73						#	1	0	0	1				DVLQGS[166]RIIGGT[181]EAQAGAWPWVVSLQIKYGRVLVHVCGGT[83]LVR	VLQGS[166]RIIGGT[181]EAQAGAWPWVVSLQIKYGRVLVHVCGGT[83]L	-0.4	3	15.2	14.1	0	0	0	-	-	1	-	-