Scott W. Wagnon, Darshan M. A. Karwat, Margaret S. Wooldridge, Charles K. Westbrook, "Experimental and Modeling Study of Methyl *trans*-3-Hexenoate Autoignition," Energy and Fuels, dx.doi.org/10.1021/ef501806s.

Table S1: Summary of experimental conditions and results for methyl *trans*-3-hexenoate autoignition. All mixture data are provided on a mole fraction basis.

ϕ	Inert:O_2	Test Gas Composition					P_{eff}	T_{eff}	τ_{ign}
		χ(mh3d) [%]	$\chi(O_2)$ [%]	$\chi(N_2)$ [%]	χ(Ar) [%]	$\chi(CO_2)$ [%]	[atm]	[K]	[ms]
0.30	3.76	0.69	20.86	64.06	-	14.38	10.3	884	34.6
0.30	3.76	0.69	20.86	64.05	-	14.39	10.3	885	35.7
0.30	3.76	0.69	20.86	69.05	-	9.39	10.7	914	19.8
0.30	3.76	0.69	20.87	69.07	-	9.37	10.9	919	21.3
0.30	3.76	0.69	20.85	76.05	-	2.40	9.8	924	17.6
0.29	3.72	0.68	21.03	74.94	-	3.34	10.1	925	19.5
0.30	3.76	0.69	20.84	75.04	-	3.42	10.1	926	17.3
0.30	3.76	0.69	20.86	75.11	-	3.33	10.1	927	18.6
0.30	3.76	0.69	20.86	75.12	-	3.32	10.2	928	18.5
0.30	3.76	0.69	20.86	75.09	-	3.36	10.2	929	18.9
0.30	3.77	0.69	20.84	75.95	-	2.52	10.2	931	16.6
0.30	3.76	0.69	20.86	75.10	-	3.34	10.4	932	16.0
0.30	3.76	0.69	20.85	76.03	-	2.43	9.8	933	16.4
0.30	3.77	0.69	20.83	75.09	-	3.38	10.5	934	14.5
0.29	3.76	0.67	20.87	74.99	-	3.46	10.5	935	15.6
0.30	3.76	0.69	20.86	76.05	-	2.40	10.3	935	15.1
0.30	3.76	0.69	20.86	73.74	-	4.70	10.6	937	15.2
0.30	3.76	0.69	20.85	76.05	-	2.40	10.4	938	13.6
0.30	3.78	0.69	20.76	75.21	-	3.33	10.7	939	15.3
0.30	3.77	0.69	20.83	76.05	-	2.43	10.6	939	13.7
0.30	3.76	0.69	20.86	76.05	-	2.40	10.6	941	14.4
0.30	3.76	0.69	20.87	73.75	-	4.69	10.9	945	12.7
0.30	3.76	0.69	20.85	74.12	4.34	-	9.5	964	13.1
0.30	3.77	0.69	20.84	78.09	-	0.38	10.9	972	8.7
0.30	3.76	0.69	20.87	78.13	-	0.30	10.9	972	8.7
0.30	3.76	0.69	20.87	72.96	5.48	-	10.4	983	8.0
0.30	3.76	0.69	20.87	72.69	5.75	-	10.8	994	6.3
0.30	3.76	0.69	20.87	72.68	5.75	-	11.1	1000	5.4
0.29	3.70	0.69	21.13	65.63	12.55	-	10.7	1022	3.9
0.29	3.70	0.69	21.13	65.63	12.54	-	11.0	1028	3.4
0.30	3.76	0.69	20.85	61.73	16.73	-	9.6	1033	3.8
0.30	3.76	0.69	20.85	61.72	16.74	-	11.1	1052	2.4
0.30	3.77	0.69	20.80	61.49	17.02	-	11.3	1058	2.4
0.30	3.77	0.69	20.80	61.50	17.01	-	10.6	1058	2.6
0.30	3.77	0.69	20.80	61.55	16.96	-	10.9	1066	2.2
0.30	3.76	0.70	20.87	58.93	19.51	-	10.9	1067	1.8
0.30	3.76	0.69	20.86	59.50	18.95	-	10.9	1068	2.1
0.30	3.76	0.70	20.87	58.92	19.51	-	11.0	1068	2.0
0.30	3.76	0.69	20.86	57.80	20.64	-	10.9	1080	1.7
0.30	3.76	0.69	20.87	57.77	20.67	-	11.5	1083	1.3
0.30	3.76	0.69	20.87	57.83	20.62	-	11.1	1085	1.4