

RELAX Combined Report

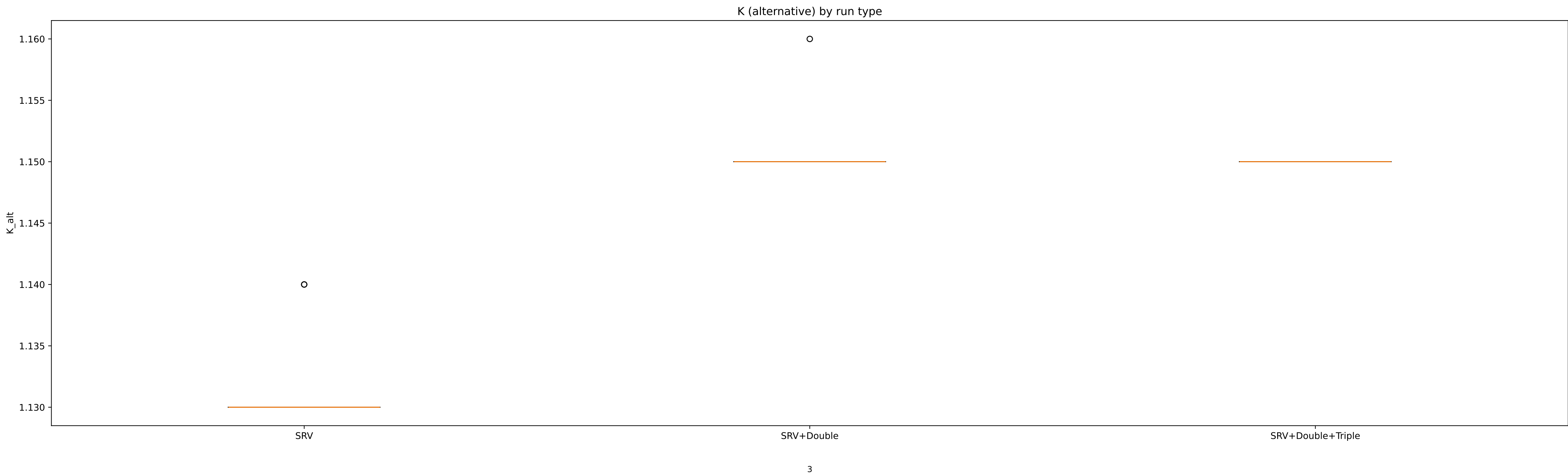
SRV vs SRV+Double vs SRV+Double+Triple

Includes:

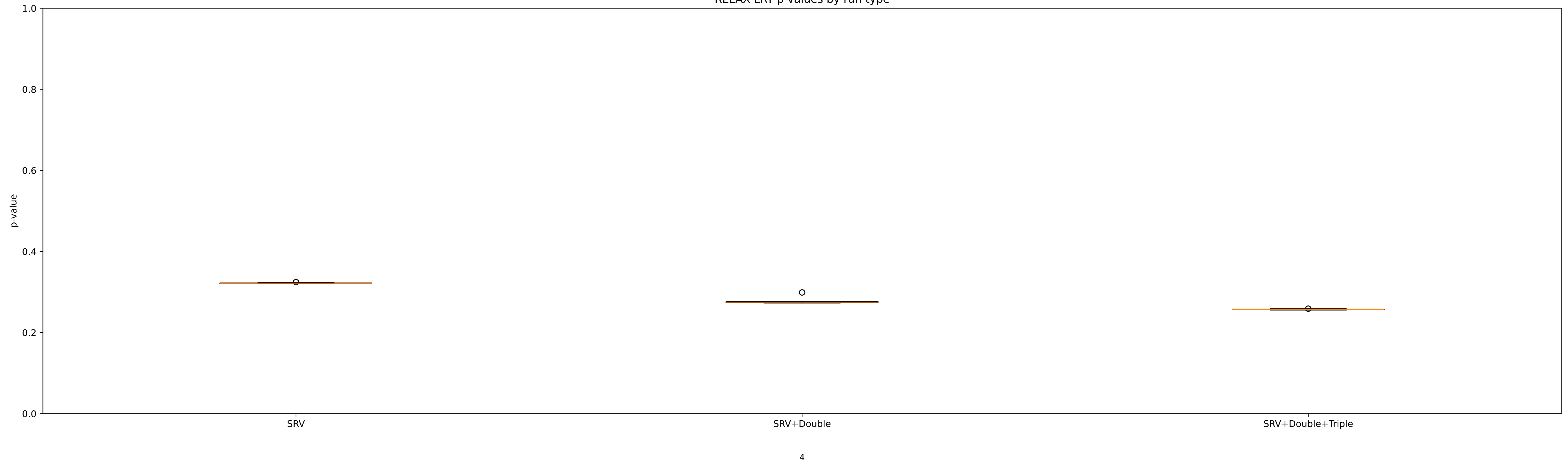
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.322	0.3212	0.3243	1.13	1.13	1.14	0.2416	0.1931	10	nan	nan
0.275	0.2728	0.2989	1.15	1.15	1.16	0.2416	0.193	10	0.065	0.0
0.2568	0.2556	0.2589	1.15	1.15	1.15	0.2416	0.1931	10	0.0588	0.0



RELAX LRT p-values by run type

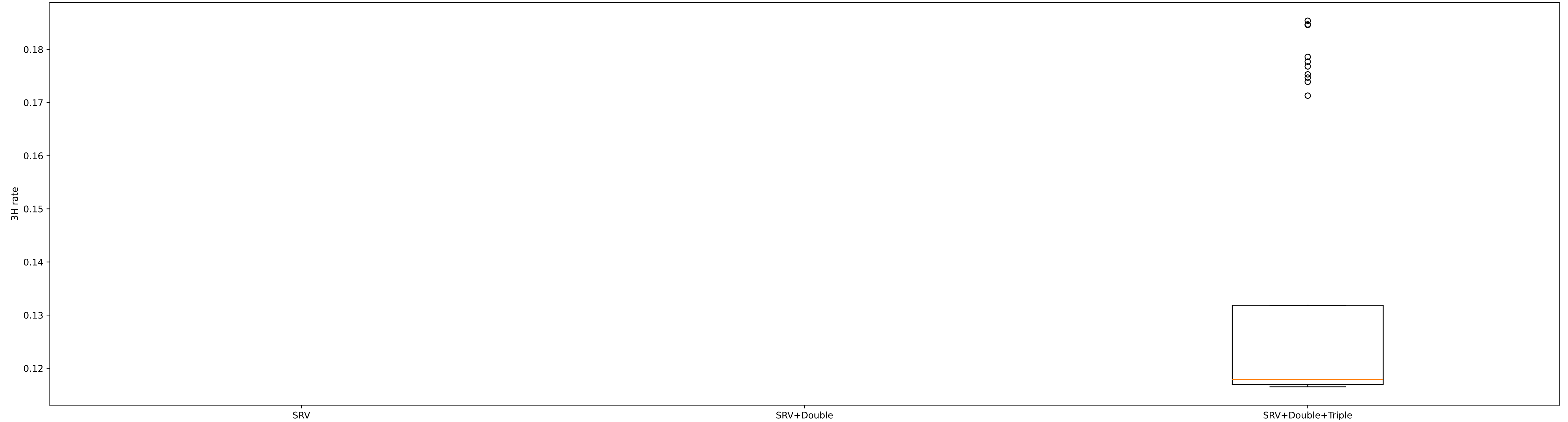


2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3221	1.13	0.2413	0.1931	
	2	0.3212	1.14	0.2416	0.1931	
	3	0.322	1.13	0.2416	0.1931	
	4	0.3233	1.13	0.2416	0.193	
	5	0.3218	1.13	0.2416	0.1931	
	6	0.3219	1.13	0.2418	0.1932	
	7	0.3243	1.14	0.2418	0.1931	
	8	0.3217	1.13	0.2415	0.1933	
	9	0.3216	1.13	0.2416	0.1928	
	10	0.3225	1.13	0.2416	0.1932	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2737	1.15	0.2416	0.1932	
	2	0.2749	1.15	0.2418	0.1932	
	3	0.2751	1.15	0.2417	0.193	
	4	0.2728	1.15	0.2416	0.1931	
	5	0.2989	1.16	0.2416	0.1928	
	6	0.2766	1.15	0.2416	0.1931	
	7	0.2767	1.15	0.2416	0.193	
	8	0.2741	1.15	0.2418	0.1931	
	9	0.276	1.15	0.2416	0.1928	
	10	0.2737	1.15	0.2416	0.1929	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2564	1.15	0.2415	0.1933	
	2	0.2569	1.15	0.2418	0.1931	
	3	0.2568	1.15	0.2417	0.193	
	4	0.2589	1.15	0.2416	0.1928	
	5	0.2562	1.15	0.2416	0.1932	
	6	0.2572	1.15	0.2416	0.1931	
	7	0.2574	1.15	0.2419	0.1933	
	8	0.2565	1.15	0.2417	0.193	
	9	0.2587	1.15	0.2416	0.1928	
	10	0.2556	1.15	0.2415	0.1931	

	test	Negative s election	0.161	8.515	SRV+Double	
	test	Negative s election	0.176	91.424	SRV+Double	
	test	Negative s election	0.204	8.515	SRV+Double	
	test	Negative s election	0.22	91.424	SRV+Double	
	reference	Diversifyi ng selecti on	4.408	0.114	SRV+Double	
	reference	Negative s election	0.205	11.363	SRV+Double	
	reference	Negative s election	0.215	88.522	SRV+Double	
	test	Diversifyi ng selecti on	6.408	0.114	SRV+Double	
	test	Negative s election	0.205	11.363	SRV+Double	
	test	Negative s election	0.215	88.522	SRV+Double	
	reference	Diversifyi ng selecti on	88.457	0.008	SRV+Double	
	reference	Negative s election	0.19	69.529	SRV+Double	
	reference	Negative s election	0.29	30.463	SRV+Double	
	test	Diversifyi ng selecti on	177.442	0.008	SRV+Double	
	test	Diversifyi ng selecti on	88.457	0.008	SRV+Double	
	test	Negative s election	0.147	69.529	SRV+Double	
	test	Negative s election	0.239	30.463	SRV+Double	
	test	Negative s election	0.19	69.529	SRV+Double	
	test	Negative s election	0.29	30.463	SRV+Double	
	reference	Diversifyi ng selecti on	5.885	0.134	SRV+Double	
	reference	Negative s election	0.203	60.102	SRV+Double	
	reference	Negative s election	0.228	39.764	SRV+Double	
	test	Diversifyi ng selecti on	5.885	0.134	SRV+Double	
	test	Negative s election	0.203	60.102	SRV+Double	
	test	Negative s election	0.228	39.764	SRV+Double	
	reference	Diversifyi ng selecti on	9.282	0.054	SRV+Double	
	reference	Negative s election	0.197	59.087	SRV+Double	
	reference	Negative s election	0.25	40.86	SRV+Double	
	test	Diversifyi ng selecti on	12.941	0.054	SRV+Double	
	test	Diversifyi ng selecti on	9.282	0.054	SRV+Double	
	test	Negative s election	0.155	59.087	SRV+Double	
	test	Negative s election	0.204	40.86	SRV+Double	
	test	Negative s election	0.197	59.087	SRV+Double	
	test	Negative s election	0.25	40.86	SRV+Double	
	reference	Diversifyi ng selecti on	6.212	0.122	SRV+Double	
	reference	Negative s election	0.207	80.936	SRV+Double	
	reference	Negative s election	0.239	18.943	SRV+Double	
	test	Diversifyi ng selecti on	6.212	0.122	SRV+Double	
	test	Negative s election	0.207	80.936	SRV+Double	
	test	Negative s election	0.239	18.943	SRV+Double	
	reference	Diversifyi ng selecti on	9.665	0.051	SRV+Double	
	reference	Negative s election	0.191	45.579	SRV+Double	
	reference	Negative s election	0.242	54.37	SRV+Double	
	test	Diversifyi ng selecti on	13.556	0.051	SRV+Double	
	test	Diversifyi ng selecti on	9.665	0.051	SRV+Double	
	test	Negative s election	0.149	45.579	SRV+Double	
	test	Negative s election	0.196	54.37	SRV+Double	
	test	Negative s election	0.191	45.579	SRV+Double	
	test	Negative s election	12 0.242	54.37	SRV+Double	
	reference	Diversifyi ng selecti on	6.379	0.115	SRV+Double	

SRV rate classes (all) (cols 1-6/6)

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.118	8.356	SRV	
	2	0.863	82.583	SRV	
	3	3.059	9.062	SRV	
	1	0.115	8.205	SRV	
	2	0.861	82.662	SRV	
	3	3.05	9.133	SRV	
	1	0.119	8.374	SRV	
	2	0.863	82.533	SRV	
	3	3.051	9.093	SRV	
	1	0.117	8.317	SRV	
	2	0.863	82.603	SRV	
	3	3.057	9.081	SRV	
	1	0.115	8.229	SRV	
	2	0.862	82.674	SRV	
	3	3.054	9.097	SRV	
	1	0.118	8.327	SRV	
	2	0.863	82.588	SRV	
	3	3.054	9.085	SRV	
	1	0.112	8.131	SRV	
	2	0.861	82.745	SRV	
	3	3.052	9.124	SRV	
	1	0.12	8.418	SRV	
	2	0.864	82.554	SRV	
	3	3.065	9.028	SRV	
	1	0.121	8.452	SRV	
	2	0.864	82.519	SRV	
	3	3.062	9.029	SRV	
	1	0.117	8.326	SRV	
	2	0.863	82.587	SRV	
	3	3.055	9.087	SRV	

	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.06	SRV+Double+Triple	
	reference	2H	0.0573	SRV+Double+Triple	
	reference	3H	0.1186	SRV+Double+Triple	
	reference	3H	0.1169	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1046	SRV+Double+Triple	
	reference	2H	0.0574	SRV+Double+Triple	
	reference	3H	0.1786	SRV+Double+Triple	
	reference	3H	0.1167	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0599	SRV+Double+Triple	
	reference	2H	0.0575	SRV+Double+Triple	
	reference	3H	0.1185	SRV+Double+Triple	
	reference	3H	0.117	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1038	SRV+Double+Triple	
	reference	2H	0.0575	SRV+Double+Triple	
	reference	3H	0.1777	SRV+Double+Triple	
	reference	3H	0.1169	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0599	SRV+Double+Triple	
	reference	2H	0.0575	SRV+Double+Triple	
	reference	3H	0.1187	SRV+Double+Triple	
	reference	3H	0.1169	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.107	SRV+Double+Triple	
	reference	2H	0.0573	SRV+Double+Triple	
	reference	3H	0.1847	SRV+Double+Triple	
	reference	3H	0.1165	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.06	SRV+Double+Triple	
	reference	2H	0.0574	SRV+Double+Triple	
	reference	3H	0.1185	SRV+Double+Triple	
	reference	3H	0.1169	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.106	SRV+Double+Triple	
	reference	2H	0.0575	SRV+Double+Triple	
	reference	3H	0.1747	SRV+Double+Triple	
	reference	3H	0.1169	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.06	SRV+Double+Triple	