

RELAX Combined Report

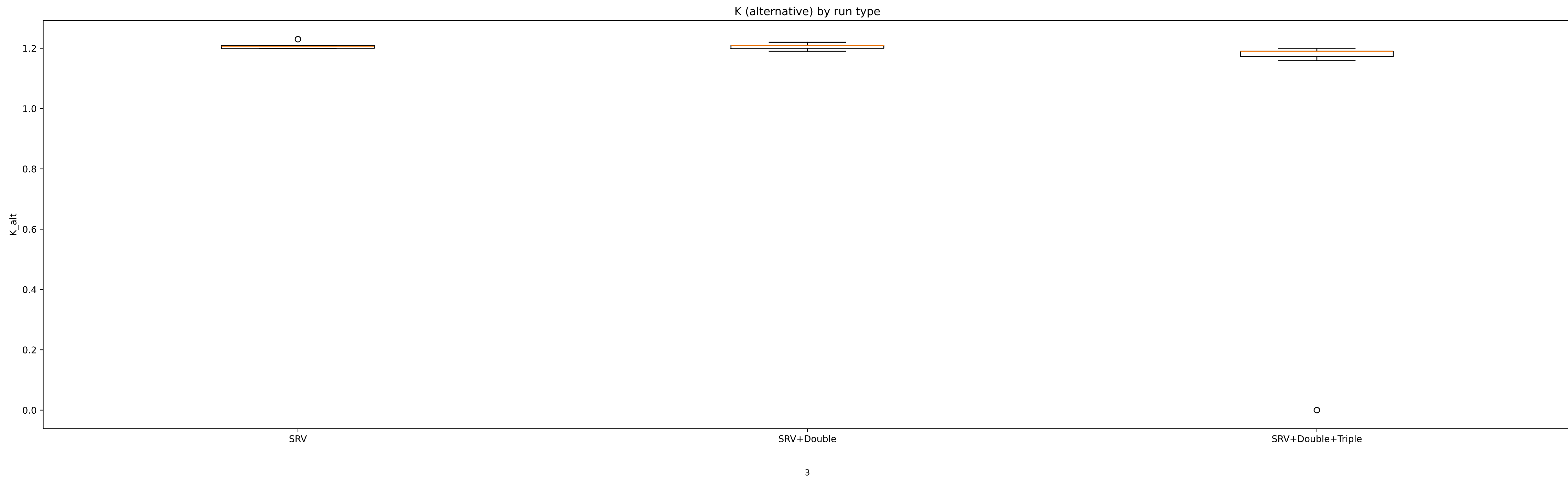
SRV vs SRV+Double vs SRV+Double+Triple

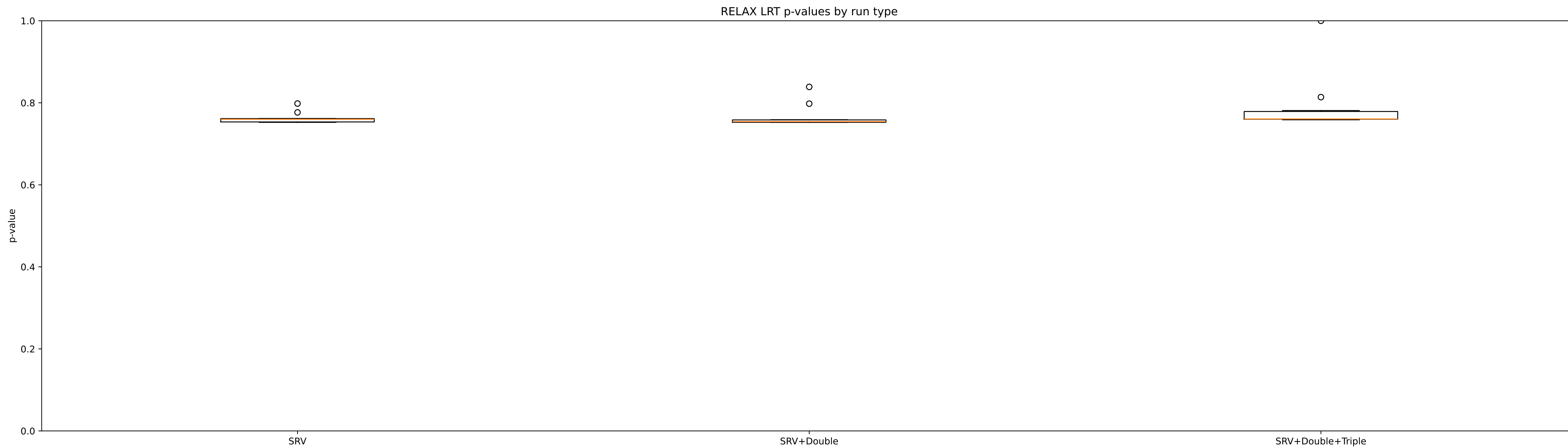
Includes:

- 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
0.7598	0.7523	0.7982	1.205	1.2	1.23	0.2355	0.1929	10	nan	nan
0.7541	0.7523	0.8388	1.21	1.19	1.22	0.2355	0.1929	10	0.0	0.0
0.7607	0.7586	1.0	1.19	0.0	1.2	0.2355	0.1929	10	0.0	0.0



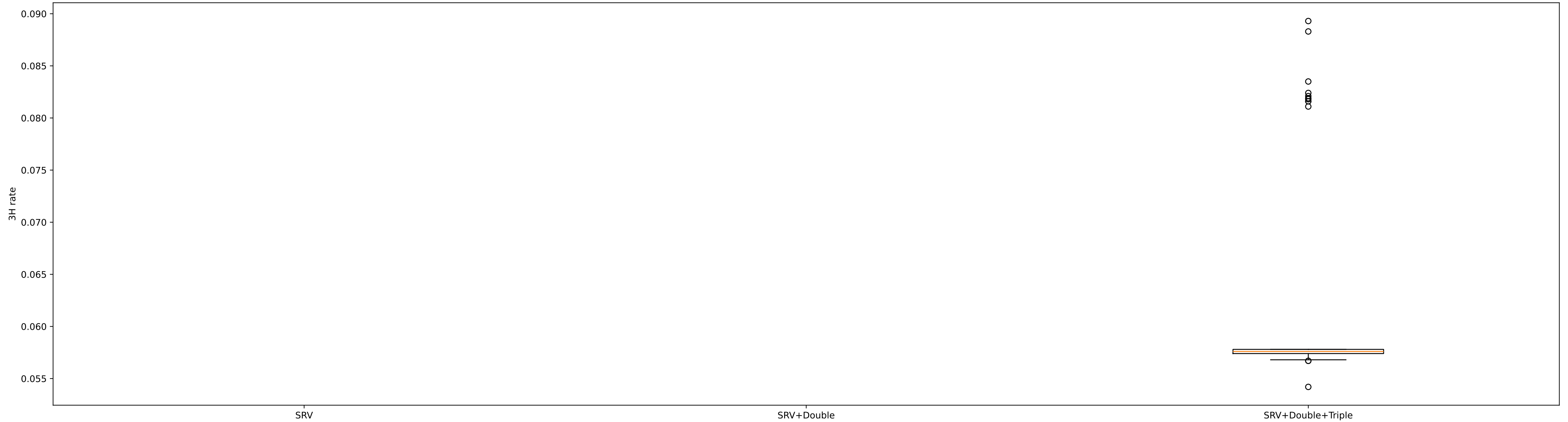


2H rates (reference) by run type





3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.7527	1.21	0.2353	0.1932	
	2	0.7552	1.21	0.2355	0.1929	
	3	0.7525	1.21	0.2355	0.1929	
	4	0.7766	1.23	0.2353	0.1932	
	5	0.7982	1.2	0.2355	0.1929	
	6	0.7604	1.2	0.2355	0.1929	
	7	0.7523	1.21	0.2355	0.1929	
	8	0.7617	1.2	0.2355	0.1929	
	9	0.7593	1.2	0.2355	0.1929	
	10	0.7609	1.2	0.2355	0.1929	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.7979	1.19	0.2353	0.1932	
	2	0.7524	1.21	0.2355	0.1929	
	3	0.8388	1.19	0.2355	0.1929	
	4	0.7523	1.21	0.2355	0.1929	
	5	0.7524	1.21	0.2355	0.1929	
	6	0.7567	1.2	0.2355	0.1929	
	7	0.7525	1.21	0.2353	0.1932	
	8	0.7557	1.22	0.2355	0.1929	
	9	0.7588	1.2	0.2355	0.1929	
	10	0.7525	1.21	0.2355	0.1929	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.7811	1.16	0.2355	0.1929	
	2	0.76	1.19	0.2355	0.1929	
	3	0.7603	1.19	0.2355	0.1929	
	4	1.0	0.0	0.2355	0.1929	
	5	0.8138	1.18	0.2355	0.1929	
	6	0.7589	1.2	0.2355	0.1929	
	7	0.7586	1.19	0.2355	0.1931	
	8	0.761	1.19	0.2355	0.1929	
	9	0.772	1.17	0.2355	0.1929	
	10	0.7602	1.19	0.2353	0.1932	

		test	Negative s election		0.0	43.966	SRV+Double	
		test	Negative s election		0.345	56.034	SRV+Double	
		test	Negative s election		0.0	43.966	SRV+Double	
		test	Negative s election		0.416	56.034	SRV+Double	
		reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	1.165	0.0	SRV+Double	
		reference	Negative s election		0.0	44.031	SRV+Double	
		reference	Negative s election		0.416	55.969	SRV+Double	
		test	Diversifyi ng selecti on		1.165	0.0	SRV+Double	
		test	Negative s election		0.0	44.031	SRV+Double	
		test	Negative s election		0.416	55.969	SRV+Double	
		reference	Diversifyi ng selecti on		1.002	0.0	SRV+Double	
		reference	Negative s election		0.0	43.985	SRV+Double	
		reference	Negative s election		0.416	56.015	SRV+Double	
		test	Diversifyi ng selecti on		1.002	0.0	SRV+Double	
		test	Diversifyi ng selecti on		1.002	0.0	SRV+Double	
		test	Negative s election		0.0	43.985	SRV+Double	
		test	Negative s election		0.345	56.015	SRV+Double	
		test	Negative s election		0.0	43.985	SRV+Double	
		test	Negative s election		0.416	56.015	SRV+Double	
		reference	Diversifyi ng selecti on		1.154	0.0	SRV+Double	
		reference	Negative s election		0.0	44.041	SRV+Double	
		reference	Negative s election		0.416	55.959	SRV+Double	
		test	Diversifyi ng selecti on		1.154	0.0	SRV+Double	
		test	Negative s election		0.0	44.041	SRV+Double	
		test	Negative s election		0.416	55.959	SRV+Double	
		reference	Diversifyi ng selecti on		1.002	0.0	SRV+Double	
		reference	Negative s election		0.0	41.865	SRV+Double	
		reference	Negative s election		0.401	58.135	SRV+Double	
		test	Diversifyi ng selecti on		1.002	0.0	SRV+Double	
		test	Diversifyi ng selecti on		1.002	0.0	SRV+Double	
		test	Negative s election		0.0	41.865	SRV+Double	
		test	Negative s election		0.333	58.135	SRV+Double	
		test	Negative s election		0.0	41.865	SRV+Double	
		test	Negative s election		0.401	58.135	SRV+Double	
		reference	Diversifyi ng selecti on		1.154	0.0	SRV+Double	
		reference	Negative s election		0.0	42.192	SRV+Double	
		reference	Negative s election		0.402	57.808	SRV+Double	
		test	Diversifyi ng selecti on		1.154	0.0	SRV+Double	
		test	Negative s election		0.0	42.192	SRV+Double	
		test	Negative s election		0.402	57.808	SRV+Double	
		reference	Diversifyi ng selecti on		1.002	0.0	SRV+Double	
		reference	Negative s election		0.0	43.947	SRV+Double	
		reference	Negative s election		0.416	56.053	SRV+Double	
		test	Diversifyi ng selecti on		1.003	0.0	SRV+Double	
		test	Diversifyi ng selecti on		1.002	0.0	SRV+Double	
		test	Negative s election		0.0	43.947	SRV+Double	
		test	Negative s election		0.345	56.053	SRV+Double	
		test	Negative s election		0.0	43.947	SRV+Double	
		test	Negative s election		12 0.416	56.053	SRV+Double	
		reference	Diversifyi ng selecti on		1.165	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	10.109	SRV	
	2	0.943	78.729	SRV	
	3	2.311	11.161	SRV	
	1	0.0	10.075	SRV	
	2	0.94	78.6	SRV	
	3	2.305	11.325	SRV	
	1	0.0	10.116	SRV	
	2	0.943	78.788	SRV	
	3	2.316	11.096	SRV	
	1	0.0	10.041	SRV	
	2	0.937	78.113	SRV	
	3	2.262	11.846	SRV	
	1	0.0	10.064	SRV	
	2	0.938	78.249	SRV	
	3	2.273	11.687	SRV	
	1	0.0	10.145	SRV	
	2	0.945	79.06	SRV	
	3	2.34	10.795	SRV	
	1	0.0	10.117	SRV	
	2	0.943	78.798	SRV	
	3	2.317	11.085	SRV	
	1	0.0	10.105	SRV	
	2	0.942	78.563	SRV	
	3	2.295	11.332	SRV	
	1	0.0	10.141	SRV	
	2	0.945	79.02	SRV	
	3	2.337	10.839	SRV	
	1	0.0	10.141	SRV	
	2	0.945	79.07	SRV	
	3	2.342	10.789	SRV	

	reference	3H	0.0576	SRV+Double+Triple	
	reference	3H	0.0567	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0811	SRV+Double+Triple	
	reference	3H	0.0578	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0578	SRV+Double+Triple	
	reference	3H	0.0574	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0819	SRV+Double+Triple	
	reference	3H	0.0577	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0578	SRV+Double+Triple	
	reference	3H	0.0574	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0835	SRV+Double+Triple	
	reference	3H	0.0542	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0577	SRV+Double+Triple	
	reference	3H	0.0574	SRV+Double+Triple	
	reference	3H	0.0576	SRV+Double+Triple	
	reference	3H	0.0573	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0818	SRV+Double+Triple	
	reference	3H	0.0567	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0568	SRV+Double+Triple	
	reference	3H	0.0569	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0883	SRV+Double+Triple	
	reference	3H	0.0576	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	