

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

Includes:

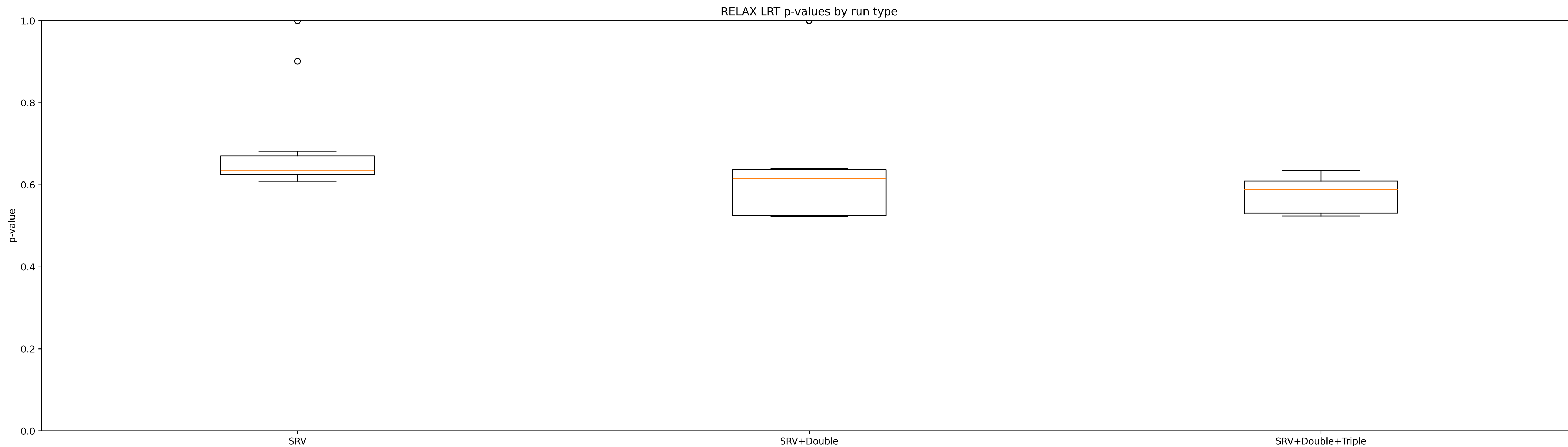
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

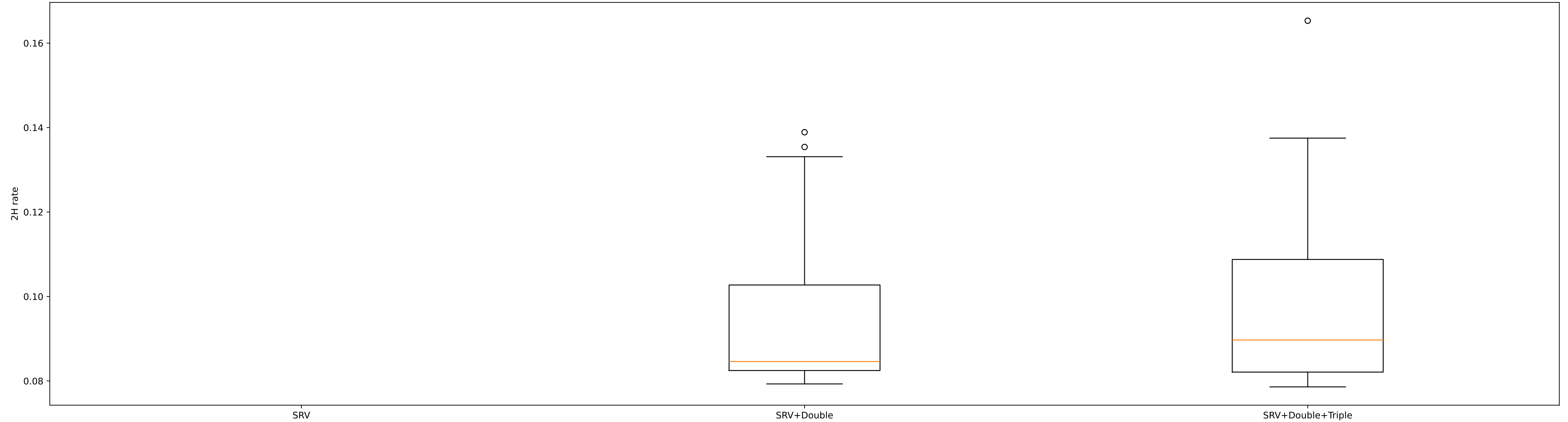
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.6338	0.6087	1.0	0.895	0.78	0.9	0.1953	0.2149	10	nan	nan
0.6154	0.5224	1.0	0.87	0.82	0.93	0.1953	0.2149	10	0.0846	0.0
0.5884	0.5238	0.6349	0.865	0.81	0.92	0.1953	0.2149	10	0.0897	0.0

K (alternative) by run type



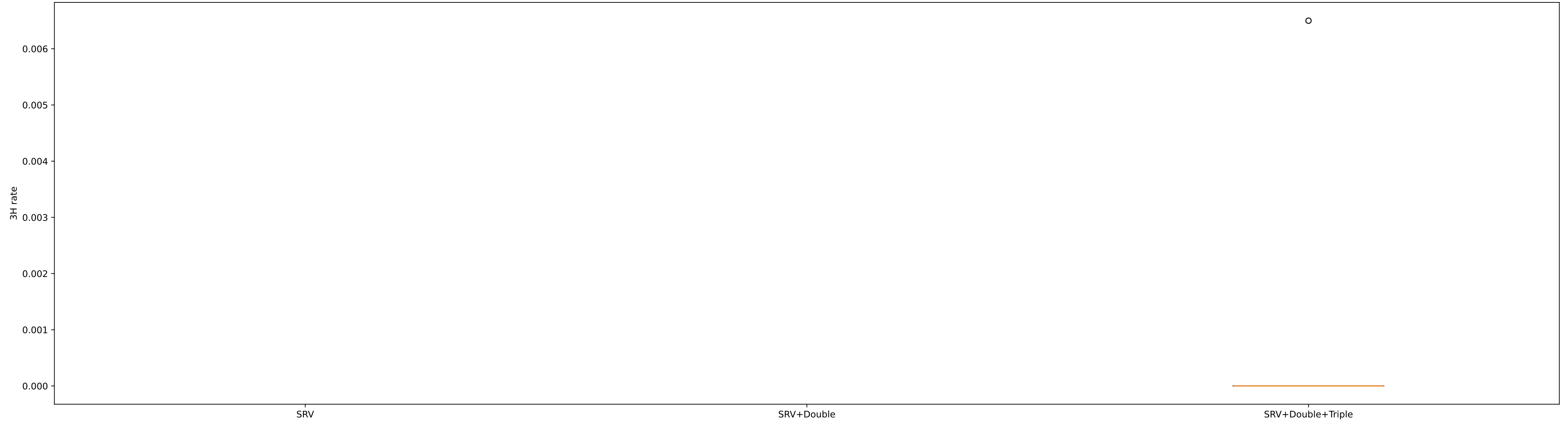


2H rates (reference) by run type





3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.6339	0.9	0.1953	0.2149	
	2	0.6087	0.78	0.1952	0.215	
	3	0.6139	0.78	0.1953	0.2149	
	4	0.6368	0.9	0.1953	0.2149	
	5	0.9013	0.9	0.1953	0.2149	
	6	0.6305	0.89	0.1953	0.2149	
	7	1.0	0.9	0.1953	0.2149	
	8	0.6338	0.9	0.1952	0.215	
	9	0.682	0.89	0.1953	0.2149	
	10	0.6242	0.88	0.1953	0.2149	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.5241	0.82	0.1953	0.2149	
	2	1.0	0.93	0.1953	0.2149	
	3	0.5262	0.83	0.1953	0.2149	
	4	0.5224	0.82	0.1953	0.2149	
	5	0.5246	0.82	0.1953	0.2148	
	6	1.0	0.93	0.1953	0.2149	
	7	0.6395	0.89	0.1953	0.2149	
	8	0.6189	0.85	0.1953	0.2149	
	9	0.6118	0.9	0.1953	0.2149	
	10	0.6283	0.92	0.1953	0.2149	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.5245	0.82	0.1953	0.2149	
	2	0.5238	0.82	0.1953	0.2149	
	3	0.5513	0.85	0.1953	0.2149	
	4	0.5242	0.81	0.1953	0.2149	
	5	0.6091	0.9	0.1953	0.2149	
	6	0.6349	0.92	0.1953	0.2149	
	7	0.6213	0.92	0.1953	0.2149	
	8	0.5926	0.88	0.1953	0.2149	
	9	0.5842	0.84	0.1953	0.2149	
	10	0.6083	0.9	0.1953	0.2149	

	test	Negative s election	0.0	57.938	SRV+Double	
	test	Negative s election	0.508	42.062	SRV+Double	
	test	Negative s election	0.0	57.938	SRV+Double	
	test	Negative s election	0.437	42.062	SRV+Double	
	reference	Diversifyi ng selecti on	0.0	0.0	SRV+Double	
	reference	Negative s election	0.001	57.723	SRV+Double	
	reference	Negative s election	0.444	42.277	SRV+Double	
	test	Diversifyi ng selecti on	1.707	0.0	SRV+Double	
	test	Negative s election	0.001	57.723	SRV+Double	
	test	Negative s election	0.444	42.277	SRV+Double	
	reference	Diversifyi ng selecti on	1.005	0.0	SRV+Double	
	reference	Negative s election	0.0	58.241	SRV+Double	
	reference	Negative s election	0.442	41.759	SRV+Double	
	test	Diversifyi ng selecti on	1.004	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.005	0.0	SRV+Double	
	test	Negative s election	0.0	58.241	SRV+Double	
	test	Negative s election	0.512	41.759	SRV+Double	
	test	Negative s election	0.0	58.241	SRV+Double	
	test	Negative s election	0.442	41.759	SRV+Double	
	reference	Diversifyi ng selecti on	1.758	0.0	SRV+Double	
	reference	Negative s election	0.001	57.872	SRV+Double	
	reference	Negative s election	0.445	42.128	SRV+Double	
	test	Diversifyi ng selecti on	1.758	0.0	SRV+Double	
	test	Negative s election	0.001	57.872	SRV+Double	
	test	Negative s election	0.445	42.128	SRV+Double	
	reference	Diversifyi ng selecti on	11.01	0.0	SRV+Double	
	reference	Negative s election	0.15	0.0	SRV+Double	
	reference	Negative s election	0.174	100.0	SRV+Double	
	test	Diversifyi ng selecti on	9.408	0.0	SRV+Double	
	test	Diversifyi ng selecti on	11.01	0.0	SRV+Double	
	test	Negative s election	0.169	0.0	SRV+Double	
	test	Negative s election	0.196	100.0	SRV+Double	
	test	Negative s election	0.15	0.0	SRV+Double	
	test	Negative s election	0.174	100.0	SRV+Double	
	reference	Negative s election	0.0	24.493	SRV+Double	
	reference	Negative s election	0.176	68.711	SRV+Double	
	reference	Neutral ev olution	1.0	6.796	SRV+Double	
	test	Negative s election	0.0	24.493	SRV+Double	
	test	Negative s election	0.176	68.711	SRV+Double	
	test	Neutral ev olution	1.0	6.796	SRV+Double	
	reference	Negative s election	0.0	31.05	SRV+Double	
	reference	Negative s election	0.193	62.459	SRV+Double	
	reference	Neutral ev olution	1.0	6.491	SRV+Double	
	test	Negative s election	0.0	31.05	SRV+Double	
	test	Negative s election	0.231	62.459	SRV+Double	
	test	Negative s election	0.0	31.05	SRV+Double	
	test	Negative s election	0.193	62.459	SRV+Double	
	test	Neutral ev olution	1.0	6.491	SRV+Double	
	test	Neutral ev olution	1.0	6.491	SRV+Double	
	reference	Negative s election	0.0	36.871	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.048	25.639	SRV	
	2	0.965	50.277	SRV	
	3	2.086	24.084	SRV	
	1	0.132	32.093	SRV	
	2	0.996	38.738	SRV	
	3	1.961	29.169	SRV	
	1	0.0	19.749	SRV	
	2	0.757	46.826	SRV	
	3	1.932	33.425	SRV	
	1	0.052	25.93	SRV	
	2	0.971	50.038	SRV	
	3	2.084	24.033	SRV	
	1	0.0	21.418	SRV	
	2	0.862	50.682	SRV	
	3	2.019	27.9	SRV	
	1	0.071	27.564	SRV	
	2	0.999	48.657	SRV	
	3	2.079	23.779	SRV	
	1	0.0	20.814	SRV	
	2	0.82	49.059	SRV	
	3	1.984	30.128	SRV	
	1	0.047	25.619	SRV	
	2	0.968	50.476	SRV	
	3	2.089	23.905	SRV	
	1	0.0	21.204	SRV	
	2	0.848	50.217	SRV	
	3	2.01	28.579	SRV	
	1	0.232	36.022	SRV	
	2	0.347	11.206	SRV	
	3	1.663	52.771	SRV	

	reference	2H	0.1269	SRV+Double	
	reference	2H	0.0842	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0826	SRV+Double	
	reference	2H	0.0913	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.1653	SRV+Double+Triple	
	reference	2H	0.0836	SRV+Double+Triple	
	reference	3H	0.0065	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0796	SRV+Double+Triple	
	reference	2H	0.0958	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1295	SRV+Double+Triple	
	reference	2H	0.0825	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0791	SRV+Double+Triple	
	reference	2H	0.0941	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1275	SRV+Double+Triple	
	reference	2H	0.0832	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0796	SRV+Double+Triple	
	reference	2H	0.0964	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1279	SRV+Double+Triple	
	reference	2H	0.0822	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0789	SRV+Double+Triple	
	reference	2H	0.0946	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1347	SRV+Double+Triple	
	reference	2H	0.0833	SRV+Double+Triple	