

RELAX Combined Report

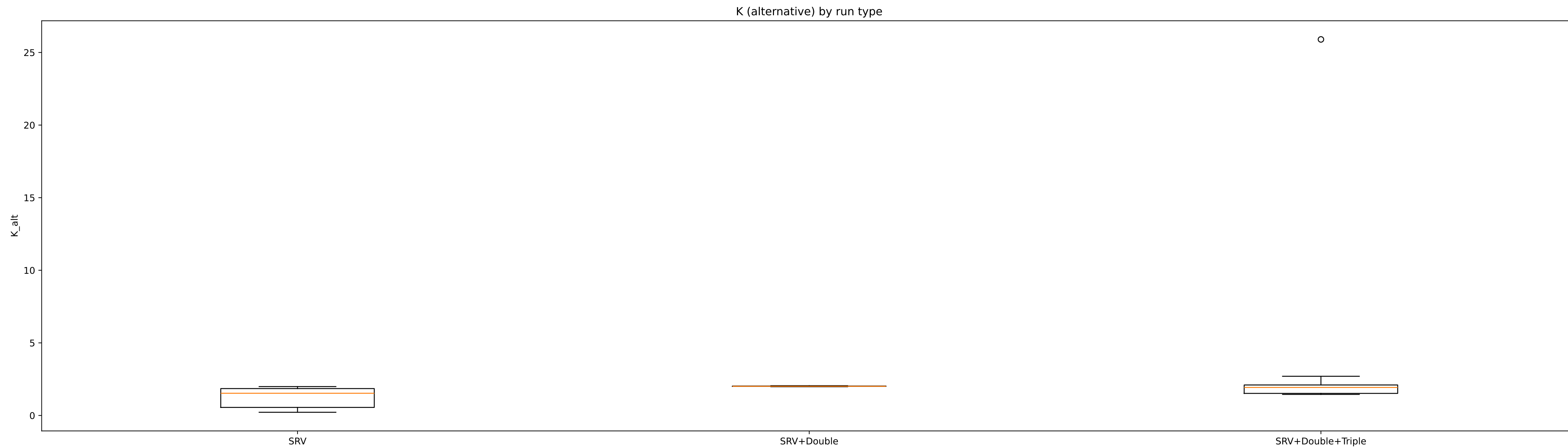
SRV vs SRV+Double vs SRV+Double+Triple

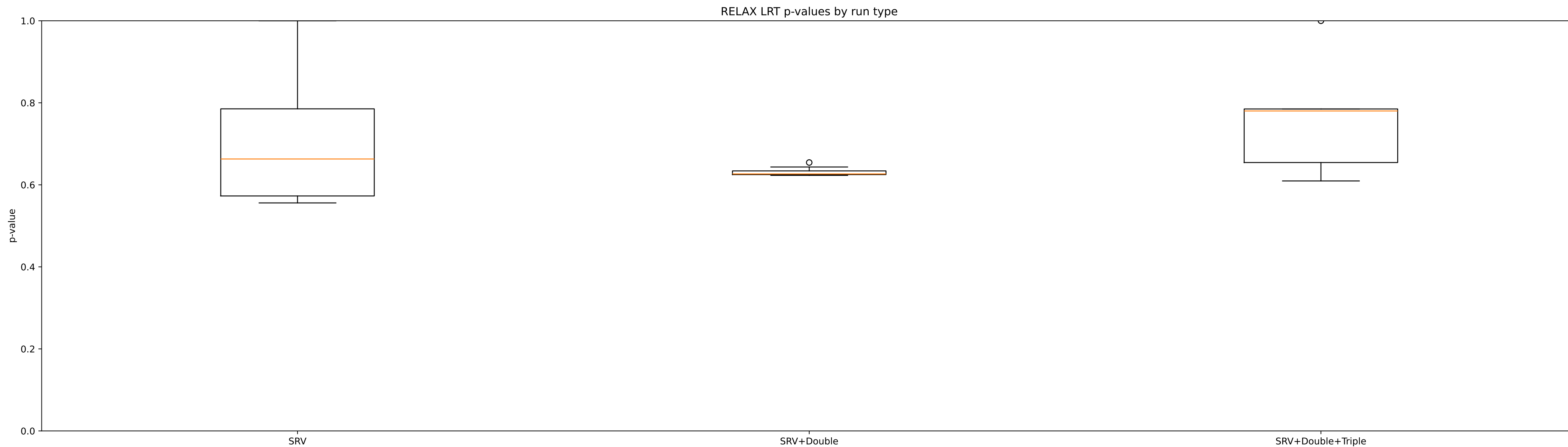
Includes:

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

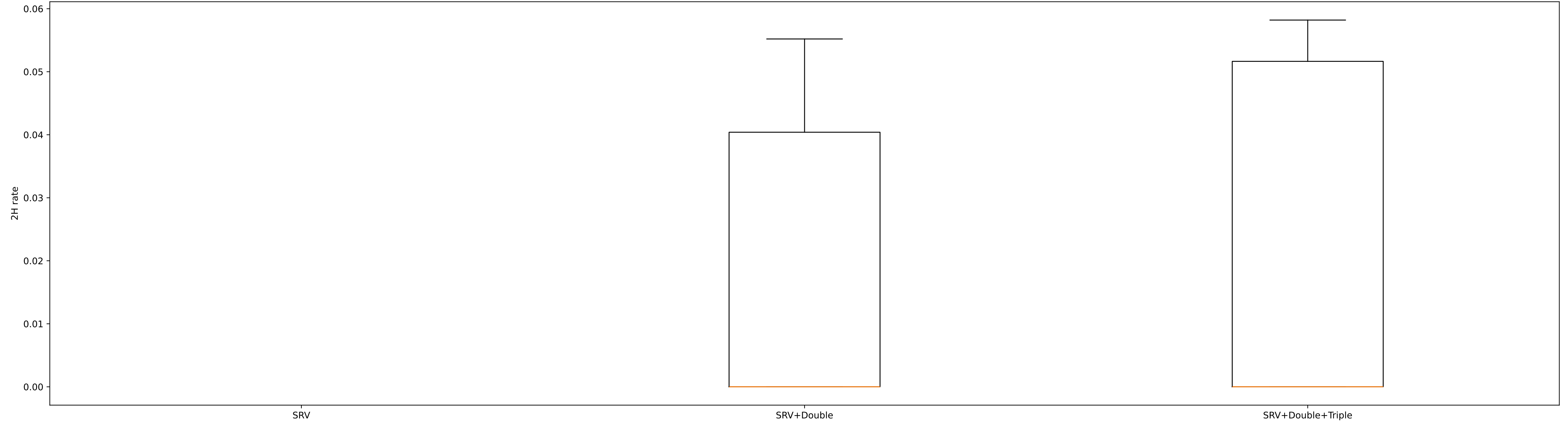
Run-type summary statistics

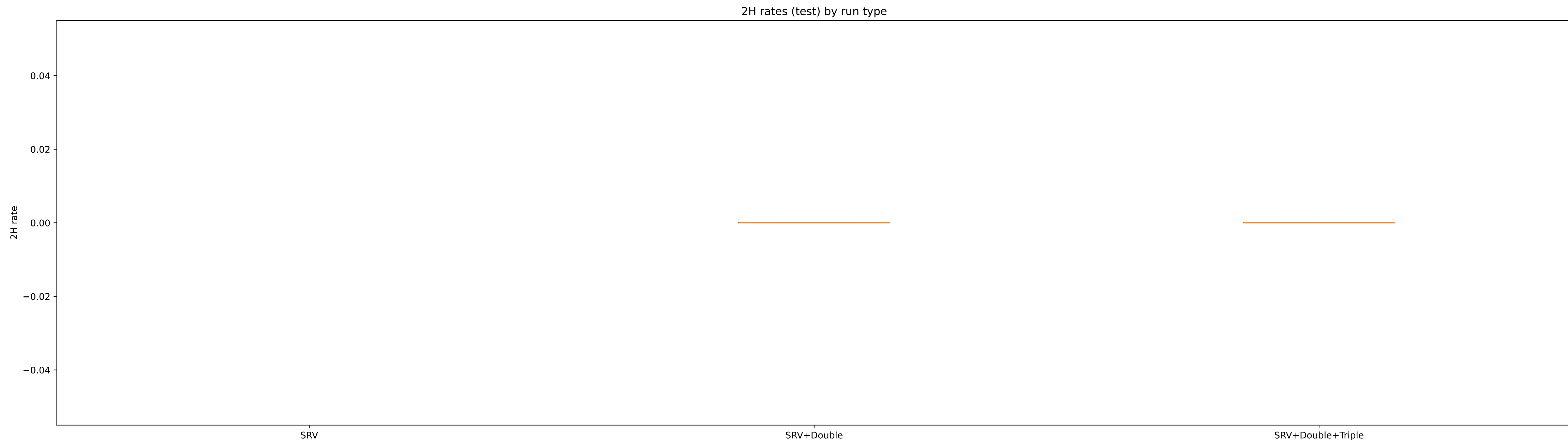
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.663	0.5559	1.0	1.53	0.22	1.99	0.2723	0.2359	10	nan	nan
0.6266	0.6231	0.6544	2.01	1.98	2.05	0.2723	0.2359	10	0.0	0.0
0.7801	0.6095	1.0	1.93	1.45	25.9	0.2723	0.2359	9	0.0	0.0





2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.561	0.24	0.2723	0.2359	
	2	0.7846	1.5	0.2723	0.2359	
	3	0.665	1.95	0.2723	0.2359	
	4	0.661	1.99	0.2723	0.2359	
	5	0.6085	1.95	0.2723	0.2359	
	6	0.7855	1.55	0.2723	0.2359	
	7	0.5608	0.23	0.2723	0.2359	
	8	1.0	1.51	0.2723	0.2359	
	9	1.0	1.56	0.2723	0.2359	
	10	0.5559	0.22	0.2723	0.2359	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.6435	1.99	0.2723	0.2359	
	2	0.6277	2.05	0.2723	0.2359	
	3	0.6231	2.01	0.2723	0.2359	
	4	0.6544	1.98	0.2723	0.2359	
	5	0.6255	2.03	0.2725	0.2359	
	6	0.6247	2.03	0.2724	0.236	
	7	0.6255	2.01	0.2723	0.2359	
	8	0.6354	2.01	0.2723	0.2359	
	9	0.6248	2.02	0.2723	0.2359	
	10	0.6298	2.0	0.2723	0.2359	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.6581	2.7	0.2723	0.2359	
	2	0.7801	1.47	0.2723	0.2359	
	3	1.0	25.9	0.2723	0.2359	
	4	0.6533	1.93	0.2723	0.2359	
	5	0.785	1.52	0.2723	0.2359	
	6	nan	nan	0.2723	0.2359	
	7	0.784	1.45	0.2723	0.2359	
	8	0.6544	1.99	0.2723	0.2359	
	9	0.785	1.57	0.2723	0.2359	
	10	0.6095	2.1	0.2723	0.2359	

	test	Negative s election	0.742	27.445	SRV+Double
	test	Neutral evolution	1.0	8.093	SRV+Double
	reference	Negative s election	0.0	64.218	SRV+Double
	reference	Negative s election	0.666	21.143	SRV+Double
	reference	Neutral evolution	1.0	14.639	SRV+Double
	test	Negative s election	0.0	64.218	SRV+Double
	test	Negative s election	0.447	21.143	SRV+Double
	test	Negative s election	0.0	64.218	SRV+Double
	test	Negative s election	0.666	21.143	SRV+Double
	test	Neutral evolution	1.0	14.639	SRV+Double
	test	Neutral evolution	1.0	14.639	SRV+Double
	reference	Negative s election	0.0	63.916	SRV+Double
	reference	Negative s election	0.653	21.79	SRV+Double
	reference	Neutral evolution	1.0	14.294	SRV+Double
	test	Negative s election	0.0	63.916	SRV+Double
	test	Negative s election	0.653	21.79	SRV+Double
	test	Neutral evolution	1.0	14.294	SRV+Double
	reference	Negative s election	0.0	64.649	SRV+Double
	reference	Negative s election	0.763	28.063	SRV+Double
	reference	Neutral evolution	1.0	7.288	SRV+Double
	test	Negative s election	0.0	64.649	SRV+Double
	test	Negative s election	0.577	28.063	SRV+Double
	test	Negative s election	0.0	64.649	SRV+Double
	test	Negative s election	0.763	28.063	SRV+Double
	test	Neutral evolution	1.0	7.288	SRV+Double
	test	Neutral evolution	1.0	7.288	SRV+Double
	reference	Negative s election	0.0	64.239	SRV+Double
	reference	Negative s election	0.743	28.584	SRV+Double
	reference	Neutral evolution	1.0	7.177	SRV+Double
	test	Negative s election	0.0	64.239	SRV+Double
	test	Negative s election	0.743	28.584	SRV+Double
	test	Neutral evolution	1.0	7.177	SRV+Double
	reference	Negative s election	0.0	64.628	SRV+Double
	reference	Negative s election	0.755	27.193	SRV+Double
	reference	Neutral evolution	1.0	8.18	SRV+Double
	test	Negative s election	0.0	64.628	SRV+Double
	test	Negative s election	0.564	27.193	SRV+Double
	test	Negative s election	0.0	64.628	SRV+Double
	test	Negative s election	0.755	27.193	SRV+Double
	test	Neutral evolution	1.0	8.18	SRV+Double
	test	Neutral evolution	1.0	8.18	SRV+Double
	reference	Negative s election	0.0	64.352	SRV+Double
	reference	Negative s election	0.738	27.644	SRV+Double
	reference	Neutral evolution	1.0	8.003	SRV+Double
	test	Negative s election	0.0	64.352	SRV+Double
	test	Negative s election	0.738	27.644	SRV+Double
	test	Neutral evolution	1.0	8.003	SRV+Double
	reference	Negative s election	0.755	64.533	SRV+Double
	reference	Negative s election	0.755	27.704	SRV+Double
		Neutral evolution	1.0	8.003	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.703	65.812	SRV	
	2	1.016	26.621	SRV	
	3	3.532	7.566	SRV	
	1	0.764	53.828	SRV	
	2	0.783	37.058	SRV	
	3	3.276	9.115	SRV	
	1	0.774	91.135	SRV	
	2	2.517	0.841	SRV	
	3	3.41	8.023	SRV	
	1	0.0	3.122	SRV	
	2	0.829	90.047	SRV	
	3	3.711	6.832	SRV	
	1	0.772	90.975	SRV	
	2	2.617	1.371	SRV	
	3	3.418	7.654	SRV	
	1	0.0	2.677	SRV	
	2	0.819	89.881	SRV	
	3	3.542	7.443	SRV	
	1	0.702	64.906	SRV	
	2	1.005	27.495	SRV	
	3	3.526	7.599	SRV	
	1	0.0	2.68	SRV	
	2	0.819	89.909	SRV	
	3	3.552	7.411	SRV	
	1	0.0	2.661	SRV	
	2	0.819	89.916	SRV	
	3	3.547	7.423	SRV	
	1	0.699	63.74	SRV	
	2	0.999	28.642	SRV	
	3	3.524	7.618	SRV	

	reference	2H	0.0	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0432	SRV+Double	
	reference	2H	0.0	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0582	SRV+Double+Triple	
	reference	2H	0.0	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	0.0	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	0.0557	SRV+Double+Triple	
	reference	2H	0.0	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	0.0	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	0.0503	SRV+Double+Triple	
	reference	2H	0.0	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	0.0	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	0.0518	SRV+Double+Triple	
	reference	2H	0.0	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	0.0	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	0.0519	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	