

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

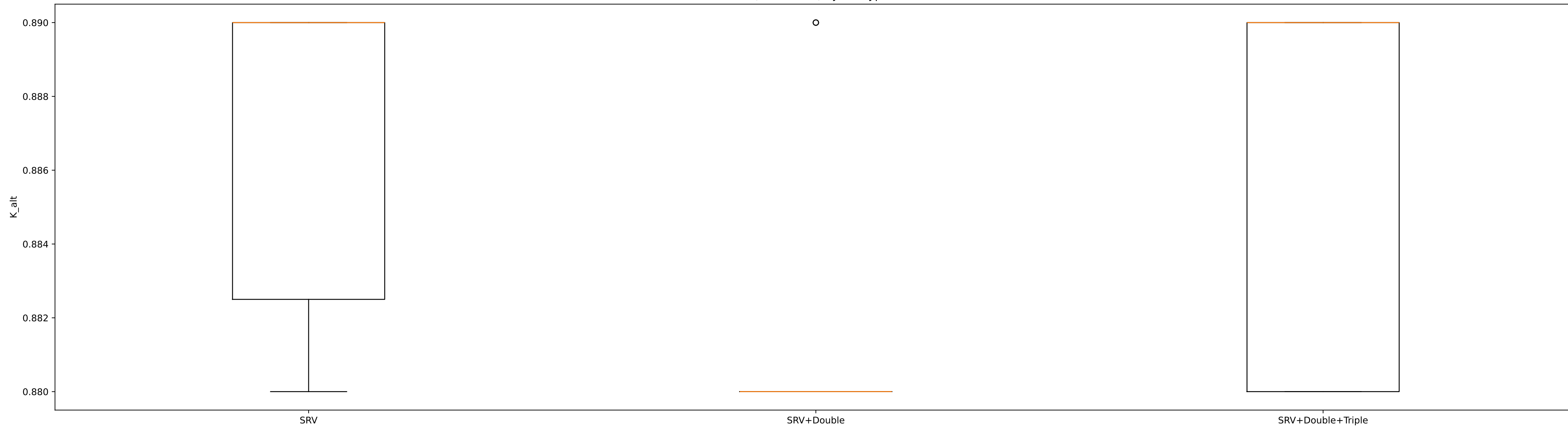
Includes:

- 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
0.6038	0.5997	0.636	0.89	0.88	0.89	0.2202	0.2565	10	nan	nan
0.6093	0.6033	0.6236	0.88	0.88	0.89	0.2202	0.2565	10	0.0	0.0
0.6064	0.5985	0.6348	0.89	0.88	0.89	0.2202	0.2565	10	0.0	0.0

K (alternative) by run type

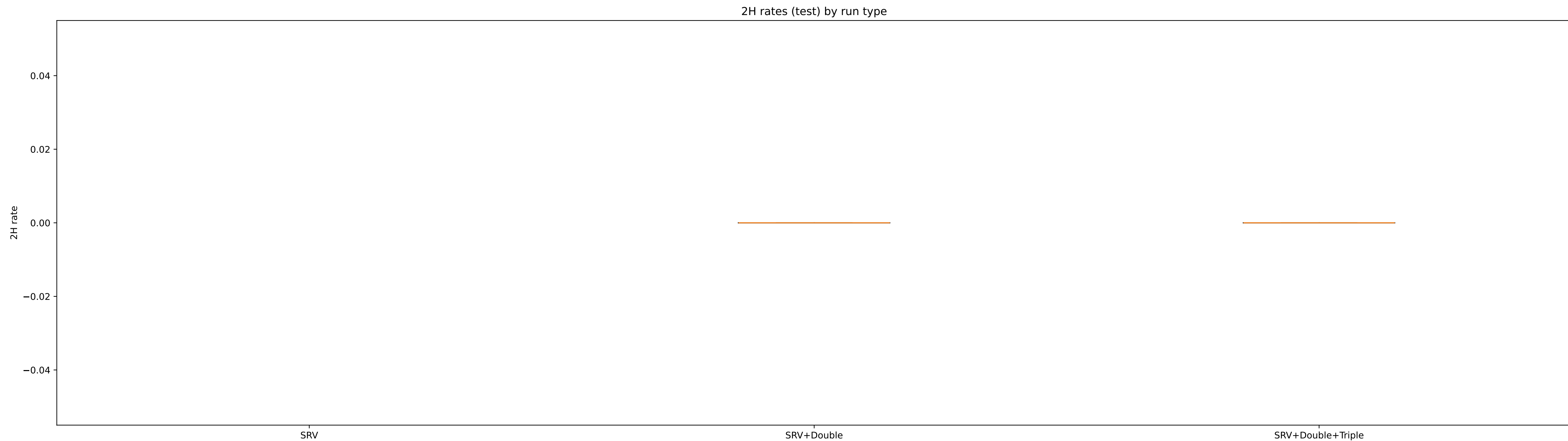


RELAX LRT p-values by run type

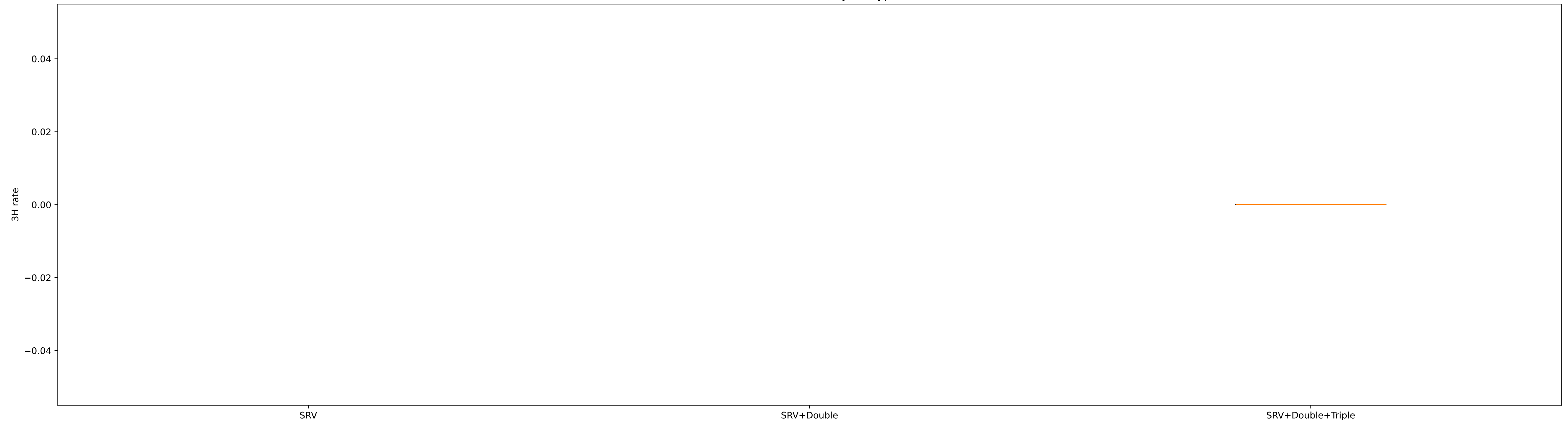


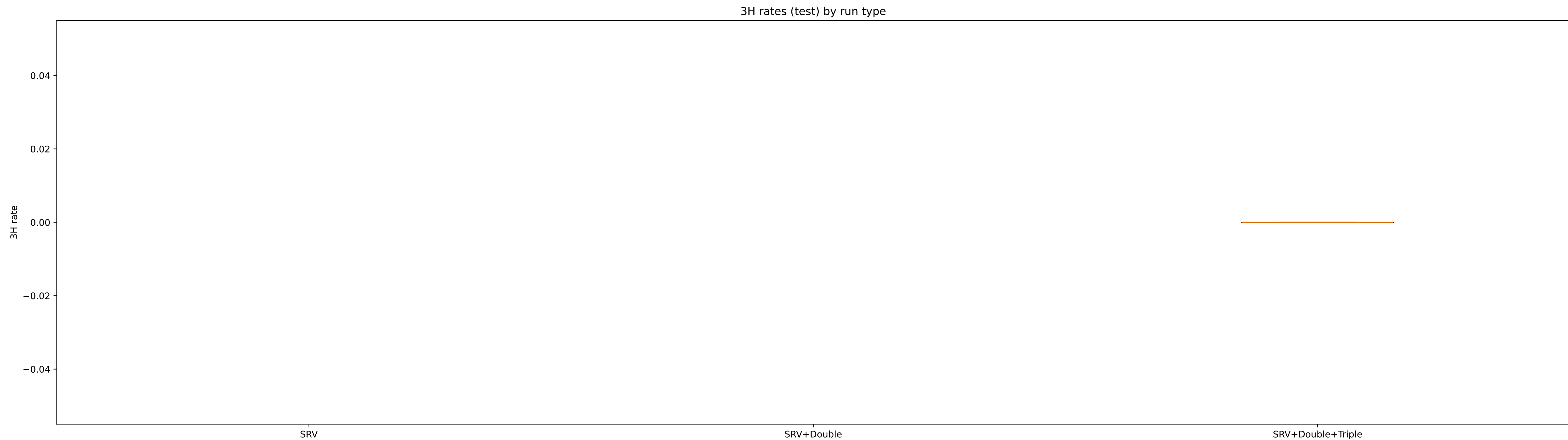
2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.636	0.89	0.2202	0.2565	
	2	0.6005	0.89	0.2202	0.2565	
	3	0.6266	0.89	0.2202	0.2565	
	4	0.6001	0.88	0.2202	0.2565	
	5	0.6054	0.89	0.2202	0.2565	
	6	0.6047	0.89	0.2202	0.2565	
	7	0.603	0.88	0.2202	0.2565	
	8	0.6116	0.89	0.2202	0.2565	
	9	0.6004	0.89	0.2202	0.2565	
	10	0.5997	0.88	0.2202	0.2565	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.6091	0.88	0.2202	0.2565	
	2	0.622	0.89	0.2209	0.2563	
	3	0.6048	0.88	0.2202	0.2565	
	4	0.6236	0.89	0.2202	0.2565	
	5	0.6033	0.88	0.2202	0.2565	
	6	0.6082	0.88	0.2202	0.2565	
	7	0.6081	0.88	0.2202	0.2565	
	8	0.6146	0.88	0.2202	0.2565	
	9	0.6095	0.88	0.2202	0.2565	
	10	0.6108	0.88	0.2202	0.2565	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.6084	0.89	0.2202	0.2565	
	2	0.6008	0.88	0.2202	0.2565	
	3	0.5985	0.88	0.2202	0.2565	
	4	0.6038	0.89	0.2202	0.2565	
	5	0.6032	0.88	0.2202	0.2565	
	6	0.6118	0.89	0.2202	0.2565	
	7	0.6155	0.89	0.2202	0.2565	
	8	0.6044	0.88	0.2202	0.2565	
	9	0.6136	0.89	0.2202	0.2565	
	10	0.6348	0.89	0.2202	0.2565	

	test	Negative s election	0.097	22.43	SRV+Double	
	test	Negative s election	0.282	77.252	SRV+Double	
	test	Negative s election	0.072	22.43	SRV+Double	
	test	Negative s election	0.241	77.252	SRV+Double	
	reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.517	SRV+Double	
	reference	Negative s election		22.377	SRV+Double	
	reference	Negative s election		77.106	SRV+Double	
	test	Diversifyi ng selecti on		0.517	SRV+Double	
	test	Negative s election		22.377	SRV+Double	
	test	Negative s election		77.106	SRV+Double	
	reference	Diversifyi ng selecti on		1.052	SRV+Double	
	reference	Negative s election		10.512	SRV+Double	
	reference	Negative s election		88.436	SRV+Double	
	test	Diversifyi ng selecti on		1.052	SRV+Double	
	test	Diversifyi ng selecti on	1.64	1.052	SRV+Double	
	test	Negative s election	1.749	1.052	SRV+Double	
	test	Negative s election	0.205	10.512	SRV+Double	
	test	Negative s election	0.238	88.436	SRV+Double	
	test	Negative s election	0.167	10.512	SRV+Double	
	test	Negative s election	0.197	88.436	SRV+Double	
	reference	Diversifyi ng selecti on	1.573	1.074	SRV+Double	
	reference	Negative s election	0.184	11.062	SRV+Double	
	reference	Negative s election	0.201	87.864	SRV+Double	
	test	Diversifyi ng selecti on	1.573	1.074	SRV+Double	
	test	Negative s election	0.184	11.062	SRV+Double	
	test	Negative s election	0.201	87.864	SRV+Double	
	reference	Diversifyi ng selecti on	1.504	1.264	SRV+Double	
	reference	Negative s election	0.153	54.376	SRV+Double	
	reference	Negative s election	0.242	44.36	SRV+Double	
	test	Diversifyi ng selecti on	1.434	1.264	SRV+Double	
	test	Diversifyi ng selecti on	1.504	1.264	SRV+Double	
	test	Negative s election	0.191	54.376	SRV+Double	
	test	Negative s election	0.286	44.36	SRV+Double	
	test	Negative s election	0.153	54.376	SRV+Double	
	test	Negative s election	0.242	44.36	SRV+Double	
	reference	Diversifyi ng selecti on	1.334	1.319	SRV+Double	
	reference	Negative s election	0.161	52.205	SRV+Double	
	reference	Negative s election	0.241	46.476	SRV+Double	
	test	Diversifyi ng selecti on	1.334	1.319	SRV+Double	
	test	Negative s election	0.161	52.205	SRV+Double	
	test	Negative s election	0.241	46.476	SRV+Double	
	reference	Diversifyi ng selecti on	1.126	2.448	SRV+Double	
	reference	Negative s election	0.185	83.274	SRV+Double	
	reference	Negative s election	0.194	14.278	SRV+Double	
	test	Diversifyi ng selecti on	1.11	2.448	SRV+Double	
	test	Diversifyi ng selecti on	1.126	2.448	SRV+Double	
	test	Negative s election	0.225	83.274	SRV+Double	
	test	Negative s election	0.235	14.278	SRV+Double	
	test	Negative s election	0.185	83.274	SRV+Double	
	test	Negative s election	12 0.194	14.278	SRV+Double	
	reference	Diversifyi ng selecti on	1.043	2.416	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	19.397	SRV	
	2	0.983	75.03	SRV	
	3	4.704	5.572	SRV	
	1	0.0	19.803	SRV	
	2	0.998	75.083	SRV	
	3	4.899	5.114	SRV	
	1	0.0	19.464	SRV	
	2	0.987	75.115	SRV	
	3	4.77	5.421	SRV	
	1	0.0	19.834	SRV	
	2	0.999	75.072	SRV	
	3	4.908	5.094	SRV	
	1	0.0	19.966	SRV	
	2	1.001	74.919	SRV	
	3	4.89	5.115	SRV	
	1	0.0	19.932	SRV	
	2	1.0	74.938	SRV	
	3	4.885	5.13	SRV	
	1	0.0	19.898	SRV	
	2	1.0	75.0	SRV	
	3	4.898	5.102	SRV	
	1	0.0	19.64	SRV	
	2	0.992	75.07	SRV	
	3	4.823	5.29	SRV	
	1	0.0	19.862	SRV	
	2	0.999	75.033	SRV	
	3	4.9	5.105	SRV	
	1	0.0	19.891	SRV	
	2	1.0	75.013	SRV	
	3	4.905	5.096	SRV	

