

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

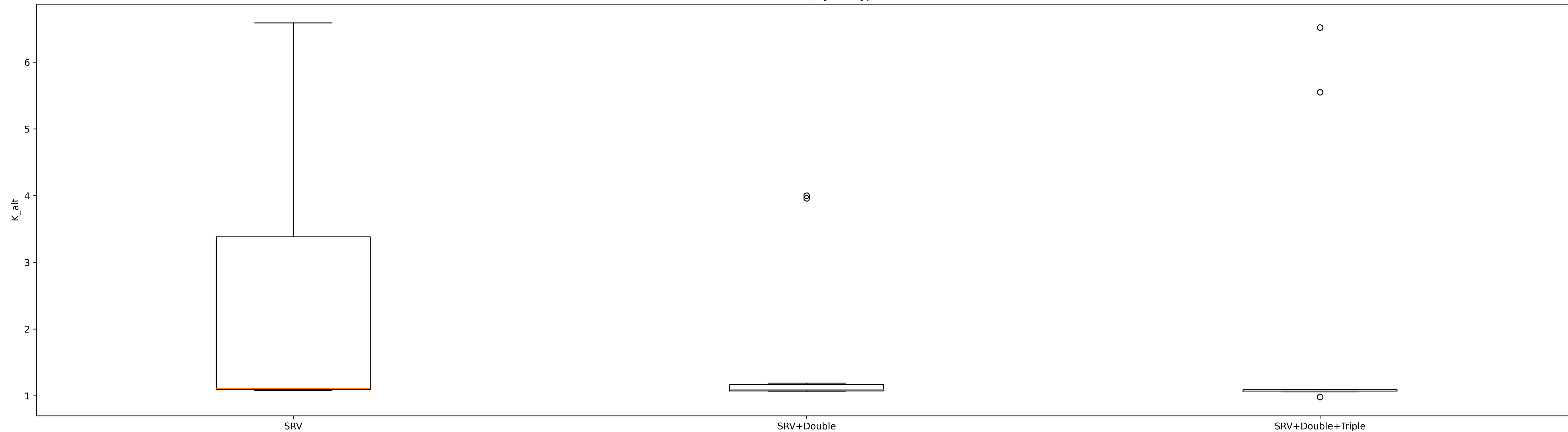
Includes:

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

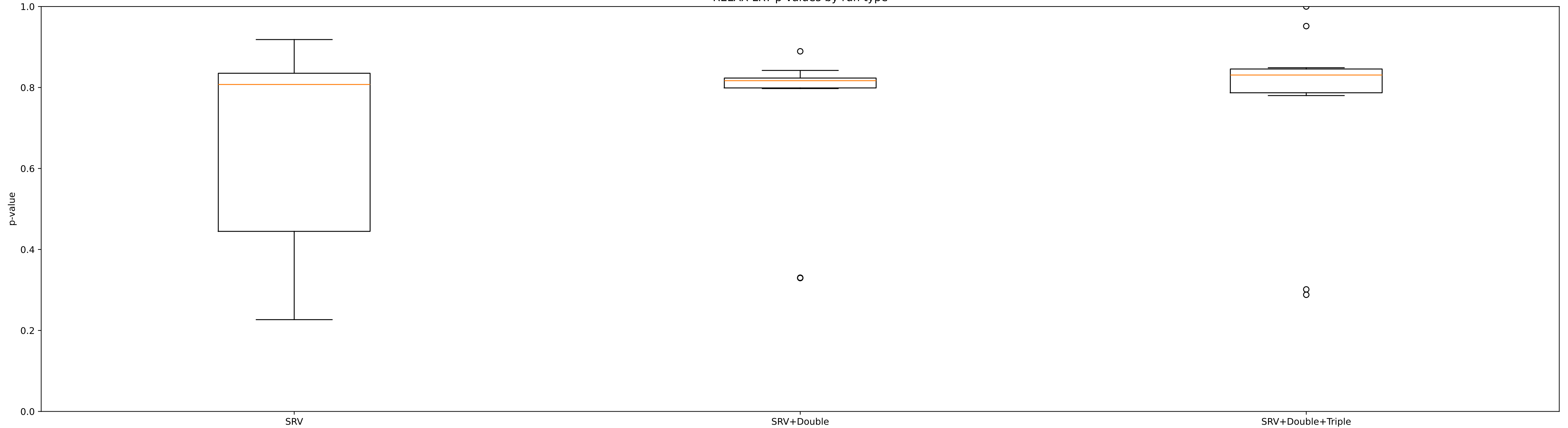
Run-type summary statistics

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
0.8074	0.2267	0.9184	1.11	1.08	6.59	0.3516	0.3981	10	nan	nan
0.8169	0.3294	0.8894	1.09	1.07	4.0	0.3516	0.3981	10	0.0	0.0
0.8308	0.2881	1.0	1.07	0.98	6.52	0.3516	0.3981	10	0.0	0.0

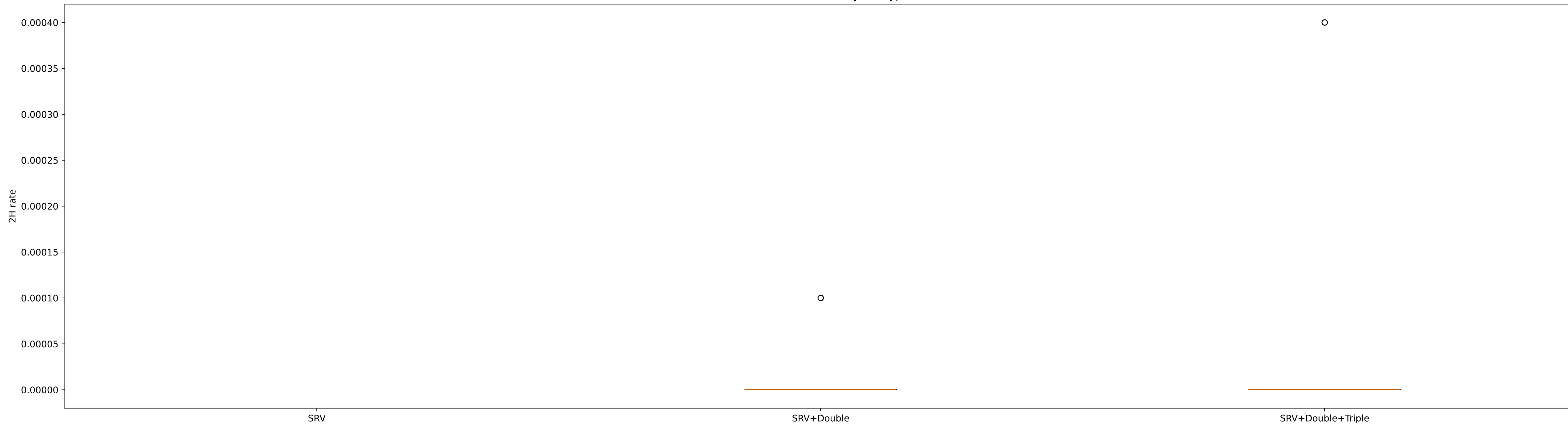
K (alternative) by run type



RELAX LRT p-values by run type



2H rates (reference) by run type

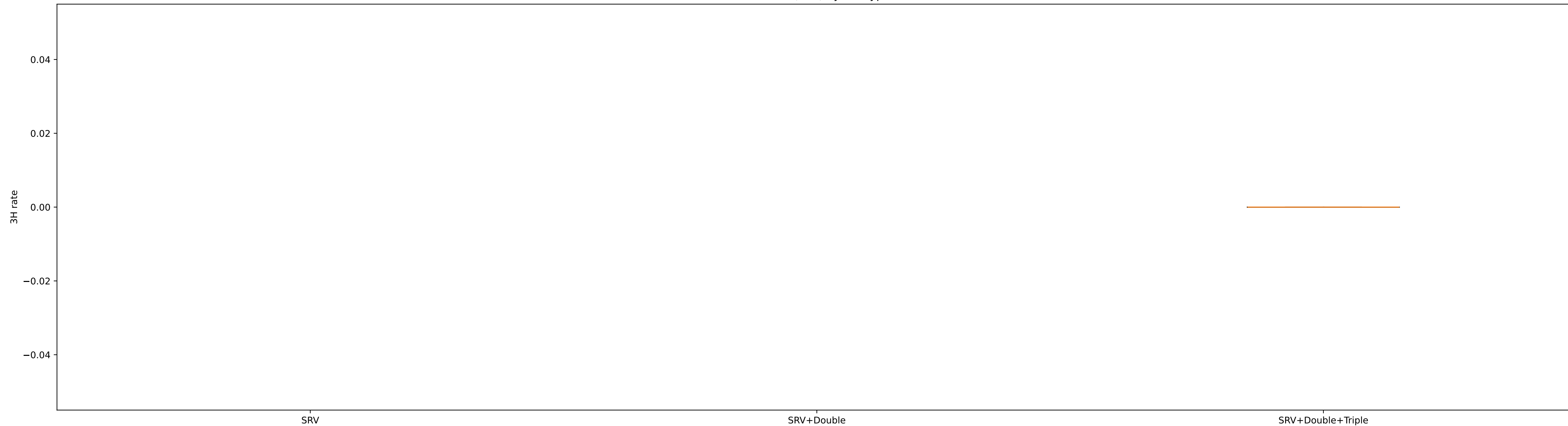




3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2267	6.59	0.3516	0.3981	
	2	0.8424	1.08	0.3516	0.3981	
	3	0.2298	5.57	0.3516	0.3981	
	4	0.79	1.09	0.3516	0.3981	
	5	0.805	1.11	0.3516	0.3981	
	6	0.8135	1.09	0.3516	0.3981	
	7	0.3296	4.14	0.3516	0.3981	
	8	0.9184	1.11	0.3516	0.3981	
	9	0.8099	1.11	0.3516	0.3981	
	10	0.8549	1.1	0.3516	0.3981	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8225	1.07	0.3516	0.3981	
	2	0.8236	1.07	0.3516	0.3981	
	3	0.7974	1.11	0.3516	0.3981	
	4	0.3303	4.0	0.3516	0.3981	
	5	0.8156	1.09	0.3516	0.3981	
	6	0.8035	1.19	0.3516	0.3981	
	7	0.8422	1.07	0.3516	0.3981	
	8	0.8181	1.08	0.3516	0.3981	
	9	0.3294	3.96	0.3516	0.3981	
	10	0.8894	1.09	0.3516	0.3981	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2881	6.52	0.3516	0.3981	
	2	0.8304	1.06	0.3516	0.3981	
	3	0.8312	1.07	0.3516	0.3981	
	4	0.9516	0.98	0.3516	0.3981	
	5	0.8076	1.07	0.3516	0.3981	
	6	0.7801	1.09	0.3516	0.3981	
	7	1.0	1.09	0.3516	0.3981	
	8	0.8488	1.07	0.3516	0.3981	
	9	0.8364	1.07	0.3516	0.3981	
	10	0.3014	5.55	0.3516	0.3981	

	test	Negative s election	0.0	67.139	SRV+Double	
	test	Negative s election	0.452	12.9	SRV+Double	
	test	Negative s election	0.036	67.139	SRV+Double	
	test	Negative s election	0.82	12.9	SRV+Double	
	reference	Diversifyi ng selecti on	1.199	20.067	SRV+Double	
	reference	Negative s election	0.032	67.095	SRV+Double	
	reference	Negative s election	0.846	12.838	SRV+Double	
	test	Diversifyi ng selecti on	1.199	20.067	SRV+Double	
	test	Negative s election	0.032	67.095	SRV+Double	
	test	Negative s election	0.846	12.838	SRV+Double	
	reference	Diversifyi ng selecti on	2.064	8.82	SRV+Double	
	reference	Negative s election	0.0	11.008	SRV+Double	
	reference	Negative s election	0.245	80.172	SRV+Double	
	test	Diversifyi ng selecti on	2.197	8.82	SRV+Double	
	test	Diversifyi ng selecti on	2.064	8.82	SRV+Double	
	test	Negative s election	0.0	11.008	SRV+Double	
	test	Negative s election	0.216	80.172	SRV+Double	
	test	Negative s election	0.0	11.008	SRV+Double	
	test	Negative s election	0.245	80.172	SRV+Double	
	reference	Diversifyi ng selecti on	2.04	9.093	SRV+Double	
	reference	Negative s election	0.0	11.563	SRV+Double	
	reference	Negative s election	0.236	79.344	SRV+Double	
	test	Diversifyi ng selecti on	2.04	9.093	SRV+Double	
	test	Negative s election	0.0	11.563	SRV+Double	
	test	Negative s election	0.236	79.344	SRV+Double	
	reference	Diversifyi ng selecti on	1.566	15.282	SRV+Double	
	reference	Negative s election	0.0	33.652	SRV+Double	
	reference	Negative s election	0.272	51.066	SRV+Double	
	test	Diversifyi ng selecti on	1.704	15.282	SRV+Double	
	test	Diversifyi ng selecti on	1.566	15.282	SRV+Double	
	test	Negative s election	0.0	33.652	SRV+Double	
	test	Negative s election	0.212	51.066	SRV+Double	
	test	Negative s election	0.0	33.652	SRV+Double	
	test	Negative s election	0.272	51.066	SRV+Double	
	reference	Diversifyi ng selecti on	1.539	15.361	SRV+Double	
	reference	Negative s election	0.0	34.009	SRV+Double	
	reference	Negative s election	0.268	50.63	SRV+Double	
	test	Diversifyi ng selecti on	1.539	15.361	SRV+Double	
	test	Negative s election	0.0	34.009	SRV+Double	
	test	Negative s election	0.268	50.63	SRV+Double	
	reference	Diversifyi ng selecti on	1.839	11.039	SRV+Double	
	reference	Negative s election	0.181	87.091	SRV+Double	
	reference	Negative s election	0.8	1.87	SRV+Double	
	test	Diversifyi ng selecti on	1.914	11.039	SRV+Double	
	test	Diversifyi ng selecti on	1.839	11.039	SRV+Double	
	test	Negative s election	0.162	87.091	SRV+Double	
	test	Negative s election	0.788	1.87	SRV+Double	
	test	Negative s election	0.181	87.091	SRV+Double	
	test	Negative s election	12 0.8	1.87	SRV+Double	
	reference	Diversifyi ng selecti on	1.847	11.024	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.175	17.313	SRV	
	2	0.248	20.027	SRV	
	3	1.468	62.661	SRV	
	1	0.202	34.011	SRV	
	2	0.208	2.727	SRV	
	3	1.463	63.261	SRV	
	1	0.186	13.697	SRV	
	2	0.233	23.806	SRV	
	3	1.471	62.497	SRV	
	1	0.206	37.016	SRV	
	2	0.449	0.0	SRV	
	3	1.466	62.984	SRV	
	1	0.205	36.804	SRV	
	2	0.21	0.041	SRV	
	3	1.464	63.155	SRV	
	1	0.201	36.548	SRV	
	2	0.201	0.077	SRV	
	3	1.462	63.376	SRV	
	1	0.204	36.117	SRV	
	2	0.209	0.609	SRV	
	3	1.462	63.273	SRV	
	1	0.211	3.237	SRV	
	2	0.214	34.317	SRV	
	3	1.473	62.446	SRV	
	1	0.198	1.844	SRV	
	2	0.206	35.091	SRV	
	3	1.465	63.065	SRV	
	1	0.207	30.573	SRV	
	2	0.21	6.49	SRV	
	3	1.467	62.937	SRV	

[illegible]