

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

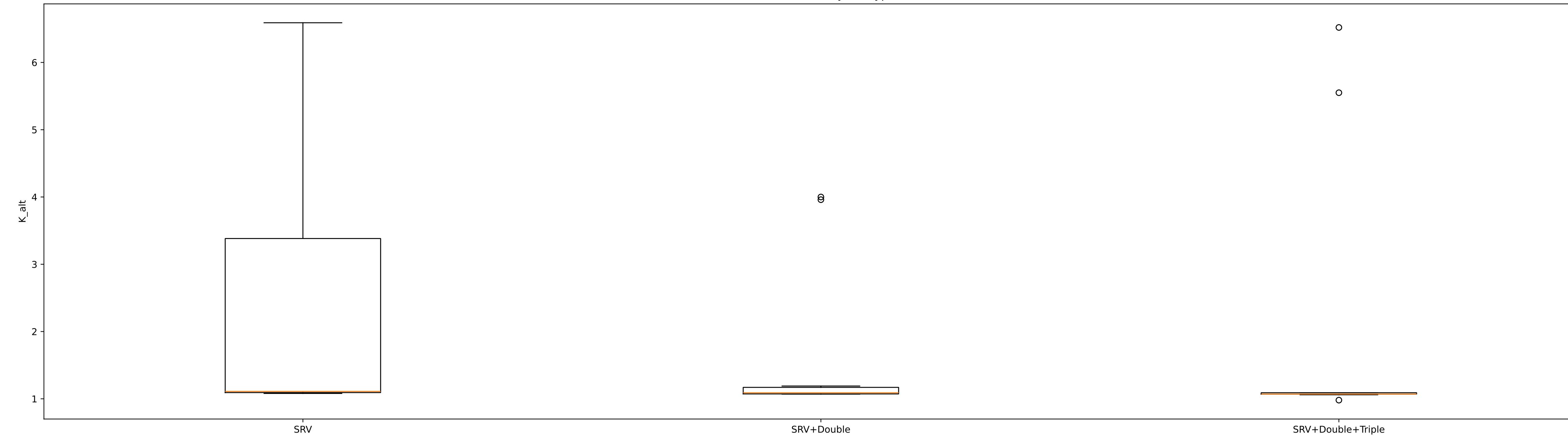
Includes:

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

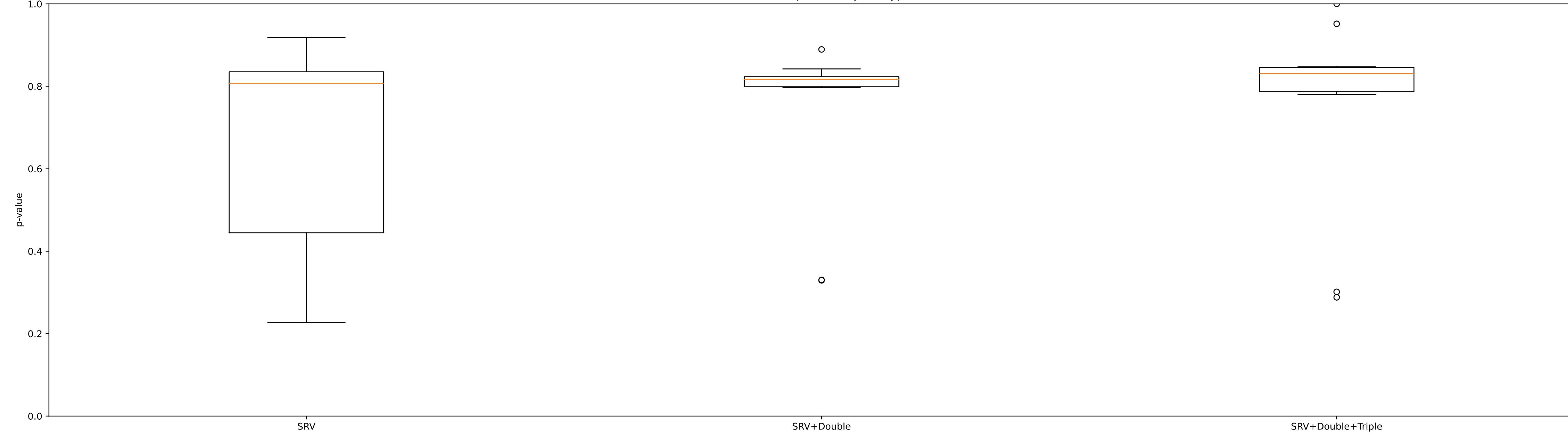
Run-type summary statistics

p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_median	omega_test_median	warnings_count	2H_reference_median	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

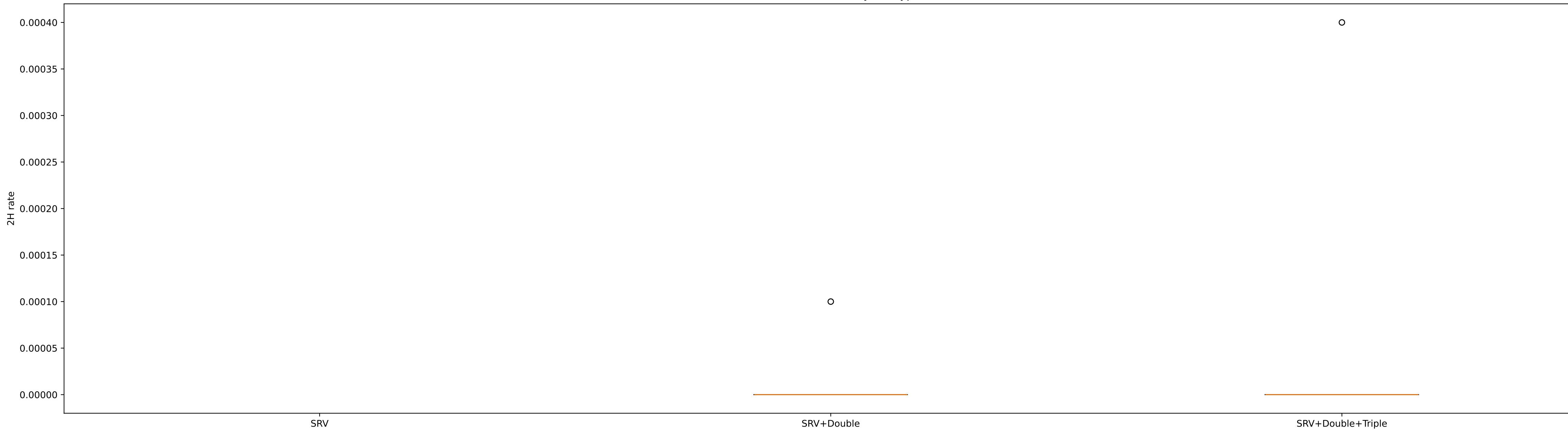
K (alternative) by run type



RELAX LRT p-values by run type



2H rates (reference) by run type



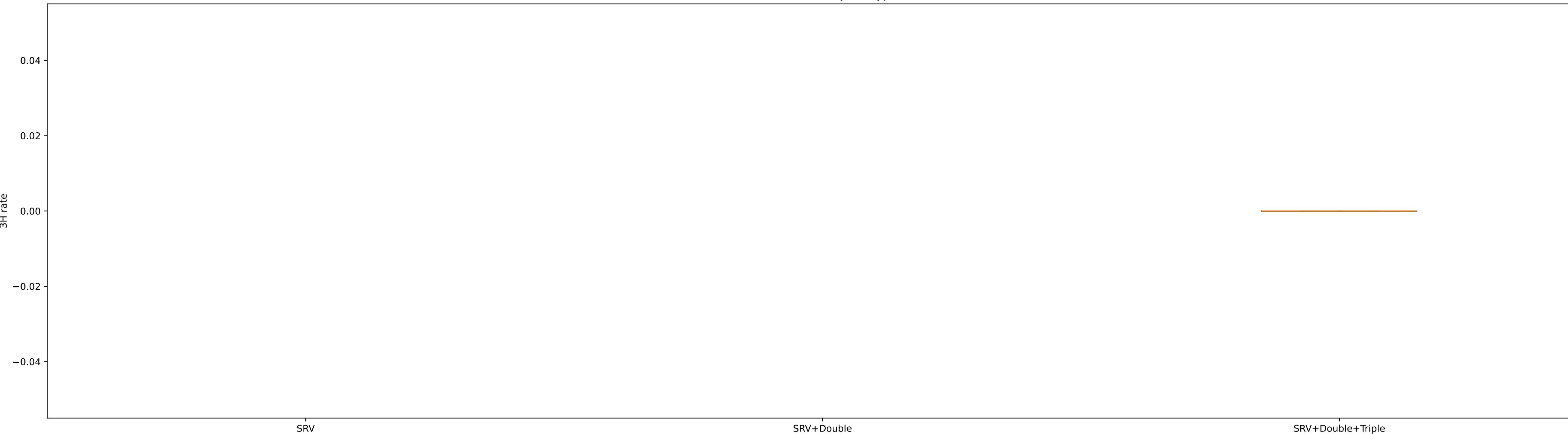
2H rates (test) by run type



3H rates (reference) by run type



3H rates (test) by run type



Replicate-level summary — SRV (page 1/1)

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	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-level summary — SRV+Double (page 1/1)

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	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-level summary — SRV+Double+Triple (page 1/1)

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	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 selection	0.0	67.139	SRV+Double
	test	Negative selection	0.452	12.9	SRV+Double
	test	Negative selection	0.036	67.139	SRV+Double
	test	Negative selection	0.82	12.9	SRV+Double
	reference	Diversifying selection	20.067		SRV+Double
	reference	Negative selection	0.032	67.095	SRV+Double
	reference	Negative selection	0.846	12.838	SRV+Double
	test	Negative selection	1.199	20.067	SRV+Double
	test	Negative selection	0.032	67.095	SRV+Double
	test	Negative selection	0.846	12.838	SRV+Double
	reference	Diversifying selection	2.064	8.82	SRV+Double
	reference	Negative selection	0.0	11.008	SRV+Double
	reference	Negative selection	0.245	80.172	SRV+Double
	test	Diversifying selection	2.197	8.82	SRV+Double
	test	Diversifying selection	2.064	8.82	SRV+Double
	test	Negative selection	0.0	11.008	SRV+Double
	test	Negative selection	0.216	80.172	SRV+Double
	test	Negative selection	0.0	11.008	SRV+Double
	test	Negative selection	0.245	80.172	SRV+Double
	reference	Diversifying selection	2.04	9.093	SRV+Double
	reference	Negative selection	0.0	11.563	SRV+Double
	reference	Negative selection	0.236	79.344	SRV+Double
	test	Negative selection	2.04	9.093	SRV+Double
	test	Negative selection	0.0	11.563	SRV+Double
	test	Negative selection	0.236	79.344	SRV+Double
	reference	Diversifying selection	1.566	15.282	SRV+Double
	reference	Negative selection	0.0	33.652	SRV+Double
	reference	Negative selection	0.272	51.066	SRV+Double
	test	Diversifying selection	1.704	15.282	SRV+Double
	test	Diversifying selection	1.566	15.282	SRV+Double
	test	Negative selection	0.0	33.652	SRV+Double
	test	Negative selection	0.212	51.066	SRV+Double
	test	Negative selection	0.0	33.652	SRV+Double
	test	Negative selection	0.272	51.066	SRV+Double
	reference	Diversifying selection	1.539	15.361	SRV+Double
	reference	Negative selection	0.0	34.009	SRV+Double
	reference	Negative selection	0.268	50.63	SRV+Double
	test	Diversifying selection	1.539	15.361	SRV+Double
	test	Negative selection	0.0	34.009	SRV+Double
	test	Negative selection	0.268	50.63	SRV+Double
	reference	Diversifying selection	1.839	11.039	SRV+Double
	reference	Negative selection	0.181	87.091	SRV+Double
	reference	Negative selection	0.8	1.87	SRV+Double
	test	Diversifying selection	1.914	11.039	SRV+Double
	test	Diversifying selection	1.839	11.039	SRV+Double
	test	Negative selection	0.162	87.091	SRV+Double
	test	Negative selection	0.788	1.87	SRV+Double
	test	Negative selection	0.181	87.091	SRV+Double
	test	Negative selection	12.8	1.87	SRV+Double
	reference	Diversifying selection	1.847	11.024	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	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	
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	
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	
SRV	1	0.207	30.573	SRV	
	2	0.21	6.49	SRV	
	3	1.467	62.937	SRV	

