

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

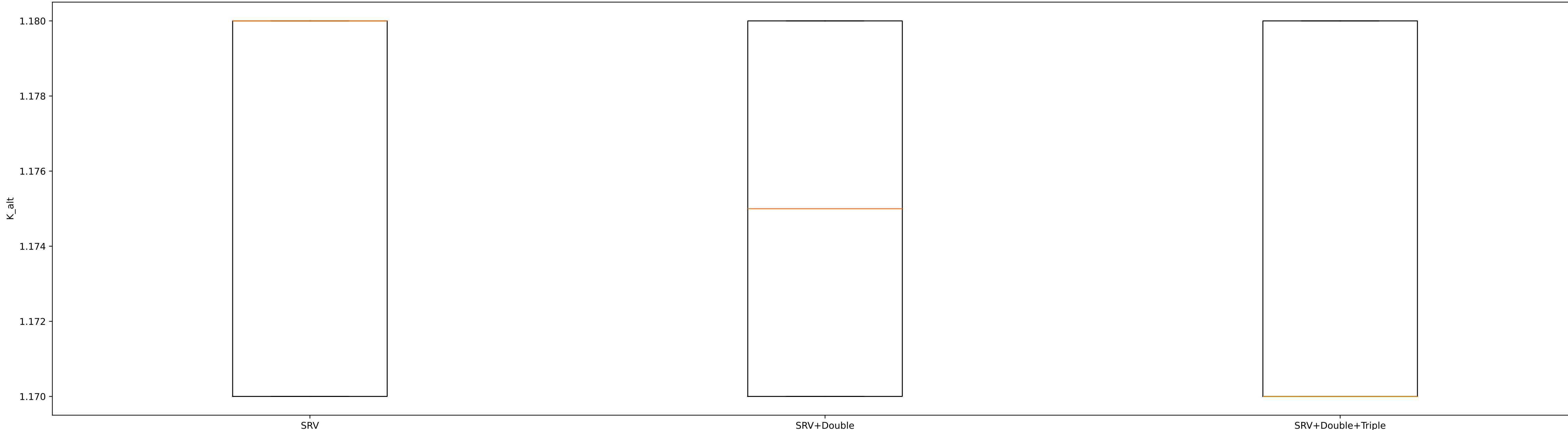
Includes:

- 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_medi an	omega_test_medi an	warnings_count	2H_reference_m edian	2H_test_median
0.8074	0.8007	1.0	1.18	1.17	1.18	0.2749	0.2113	10	nan	nan
0.8019	0.7992	1.0	1.175	1.17	1.18	0.2749	0.2113	10	0.0	0.0
0.808	0.8015	1.0	1.17	1.17	1.18	0.2749	0.2113	10	0.0	0.0

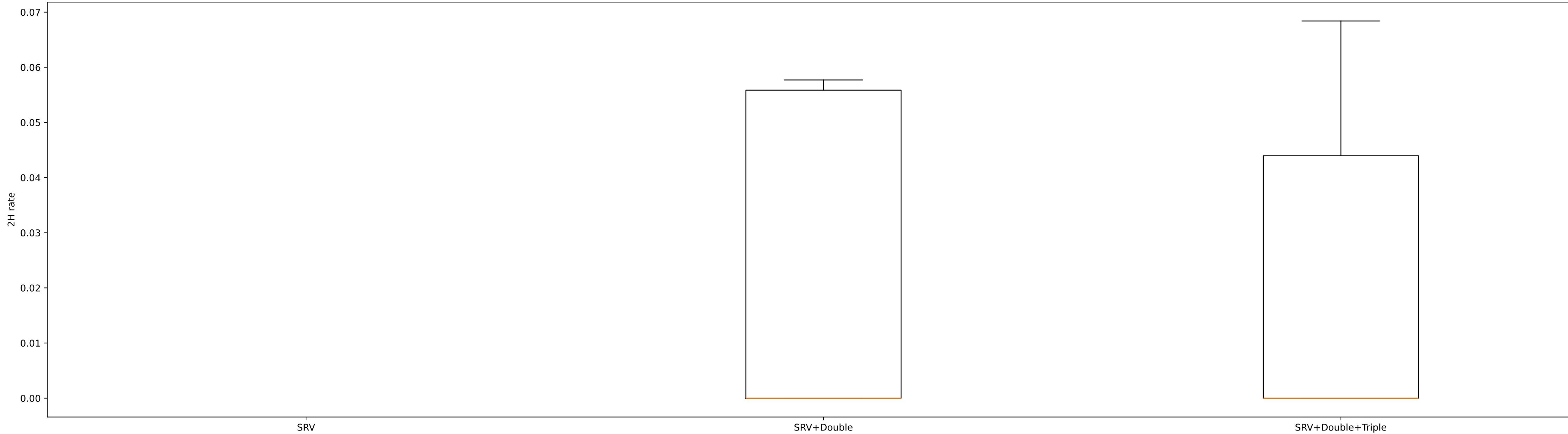
K (alternative) by run type



RELAX LRT p-values by run type



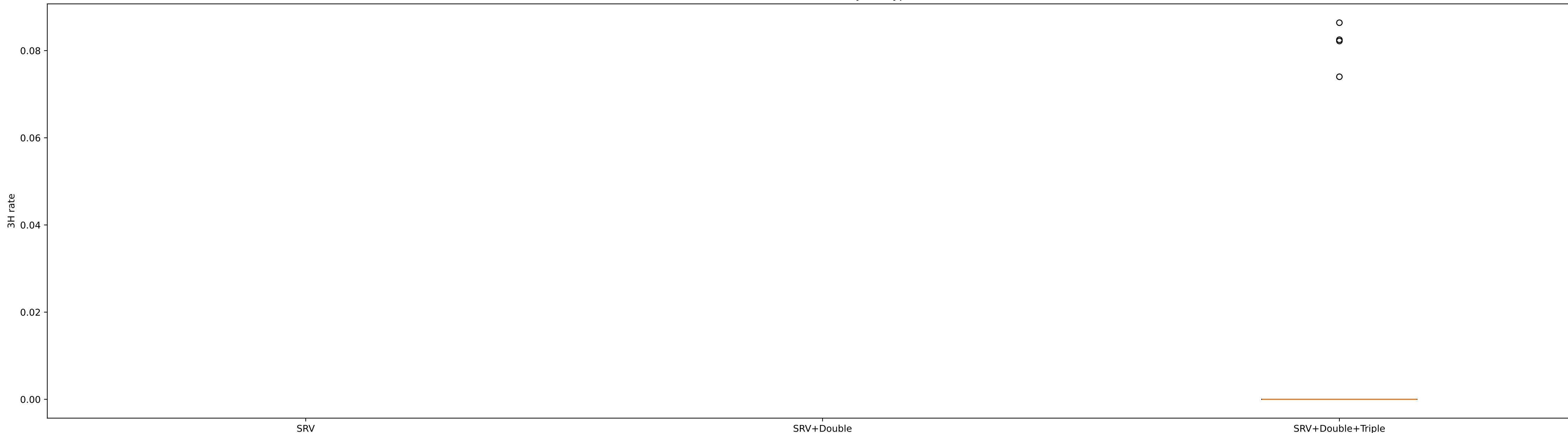
2H rates (reference) by run type



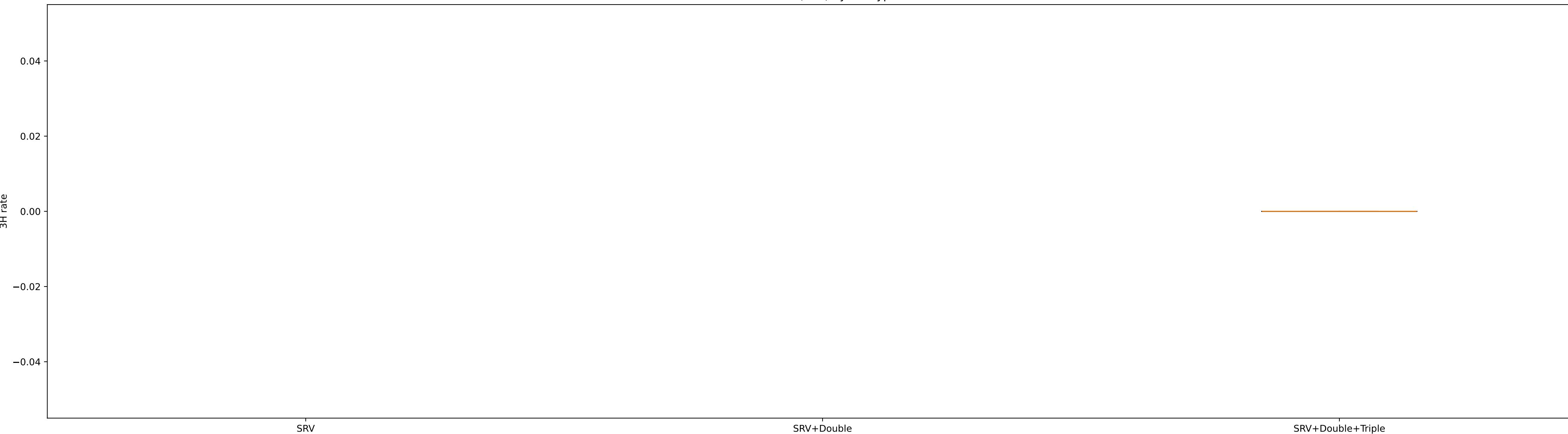
2H rates (test) by run type



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	0.813	1.18	0.2749	0.2113
	2	1.0	1.17	0.2749	0.2113
	3	0.8019	1.17	0.2749	0.2113
	4	0.8096	1.18	0.2749	0.2113
	5	0.8007	1.18	0.2749	0.2113
	6	0.8007	1.18	0.2749	0.2113
	7	0.8028	1.18	0.2749	0.2113
	8	1.0	1.17	0.2749	0.2113
	9	0.8051	1.18	0.2749	0.2113
	10	1.0	1.17	0.2749	0.2113

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

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test
	1	1.0	1.17	0.2749	0.2113
	2	0.8047	1.18	0.2749	0.2113
	3	0.8043	1.17	0.2749	0.2113
	4	0.8005	1.18	0.2749	0.2113
	5	0.7997	1.18	0.2749	0.2113
	6	0.8042	1.17	0.2749	0.2113
	7	0.7994	1.18	0.2749	0.2113
	8	0.8033	1.17	0.2749	0.2113
	9	0.7996	1.18	0.2749	0.2113
	10	0.7992	1.17	0.2749	0.2113

Replicate-level summary — SRV+Double+Triple (page 1/1)

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test
	1	0.8075	1.18	0.2749	0.2113
	2	0.8065	1.18	0.2749	0.2113
	3	1.0	1.17	0.2749	0.2113
	4	0.8086	1.18	0.2749	0.2113
	5	0.8042	1.18	0.2749	0.2113
	6	0.8044	1.17	0.2749	0.2113
	7	0.8109	1.17	0.2749	0.2113
	8	0.8015	1.17	0.2749	0.2113
	9	0.8104	1.17	0.2749	0.2113
	10	1.0	1.17	0.2749	0.2113

	test	Negative selection	0.192	96.757	SRV+Double
	test	Negative selection	0.235	2.681	SRV+Double
	test	Negative selection	0.246	96.757	SRV+Double
	test	Negative selection	0.293	2.681	SRV+Double
	reference	Diversifying selection	Ω -class distributions (all) (cols 1-7/7)		
	reference	Negative selection	0.246	96.835	SRV+Double
	reference	Negative selection	0.264	2.628	SRV+Double
	test	Diversifying selection	5.565	0.537	SRV+Double
	test	Negative selection	0.246	96.835	SRV+Double
	test	Negative selection	0.264	2.628	SRV+Double
	reference	Diversifying selection	5.499	0.543	SRV+Double
	reference	Negative selection	0.247	96.733	SRV+Double
	reference	Negative selection	0.277	2.724	SRV+Double
	test	Diversifying selection	7.466	0.543	SRV+Double
	test	Diversifying selection	5.499	0.543	SRV+Double
	test	Negative selection	0.192	96.733	SRV+Double
	test	Negative selection	0.22	2.724	SRV+Double
	test	Negative selection	0.247	96.733	SRV+Double
	test	Negative selection	0.277	2.724	SRV+Double
	reference	Diversifying selection	5.585	0.531	SRV+Double
	reference	Negative selection	0.246	96.869	SRV+Double
	reference	Negative selection	0.264	2.6	SRV+Double
	test	Diversifying selection	5.585	0.531	SRV+Double
	test	Negative selection	0.246	96.869	SRV+Double
	test	Negative selection	0.264	2.6	SRV+Double
	reference	Diversifying selection	5.827	0.5	SRV+Double
	reference	Negative selection	0.237	2.293	SRV+Double
	reference	Negative selection	0.249	97.207	SRV+Double
	test	Diversifying selection	7.877	0.5	SRV+Double
	test	Diversifying selection	5.827	0.5	SRV+Double
	test	Negative selection	0.185	2.293	SRV+Double
	test	Negative selection	0.196	97.207	SRV+Double
	test	Negative selection	0.237	2.293	SRV+Double
	test	Negative selection	0.249	97.207	SRV+Double
	reference	Diversifying selection	5.775	0.509	SRV+Double
	reference	Negative selection	0.248	97.113	SRV+Double
	reference	Negative selection	0.249	2.378	SRV+Double
	test	Diversifying selection	5.775	0.509	SRV+Double
	test	Negative selection	0.248	97.113	SRV+Double
	test	Negative selection	0.249	2.378	SRV+Double
	reference	Diversifying selection	5.609	0.528	SRV+Double
	reference	Negative selection	0.247	97.059	SRV+Double
	reference	Negative selection	0.267	2.413	SRV+Double
	test	Diversifying selection	7.595	0.528	SRV+Double
	test	Diversifying selection	5.609	0.528	SRV+Double
	test	Negative selection	0.193	97.059	SRV+Double
	test	Negative selection	0.212	2.413	SRV+Double
	test	Negative selection	0.247	97.059	SRV+Double
	test	Negative selection	12	2.413	SRV+Double
	reference	Diversifying selection	0.267	0.517	SRV+Double
	reference	Negative selection	5.702	0.517	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.0	9.813	SRV	
	2	0.88	81.092	SRV	
	3	3.148	9.095	SRV	
	1	0.0	9.676	SRV	
	2	0.877	81.134	SRV	
	3	3.136	9.19	SRV	
	1	0.0	9.737	SRV	
	2	0.878	81.083	SRV	
	3	3.138	9.18	SRV	
SRV	1	0.0	9.856	SRV	
	2	0.882	81.117	SRV	
	3	3.155	9.027	SRV	
	1	0.0	9.836	SRV	
	2	0.881	81.11	SRV	
	3	3.153	9.054	SRV	
	1	0.0	9.797	SRV	
	2	0.88	81.192	SRV	
	3	3.164	9.011	SRV	
SRV	1	0.0	9.699	SRV	
	2	0.877	81.1	SRV	
	3	3.135	9.201	SRV	
	1	0.0	9.436	SRV	
	2	0.871	81.049	SRV	
	3	3.095	9.515	SRV	
	1	0.0	9.8	SRV	
	2	0.88	81.109	SRV	
	3	3.149	9.092	SRV	
SRV	1	0.0	9.477	SRV	
	2	0.872	81.11	SRV	
	3	3.109	9.414	SRV	

