

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

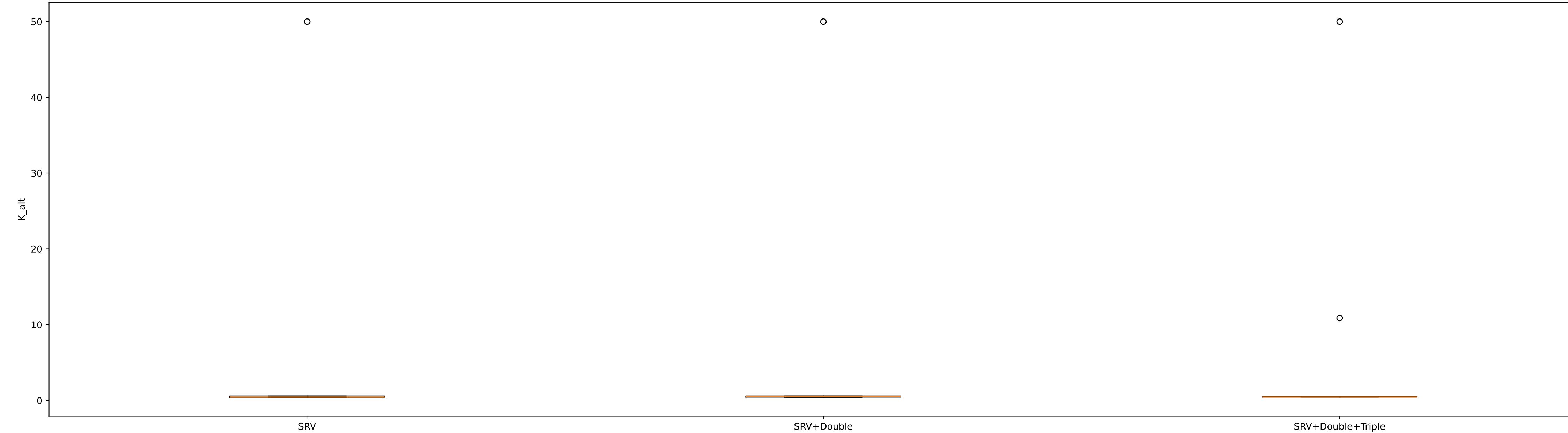
Includes:

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

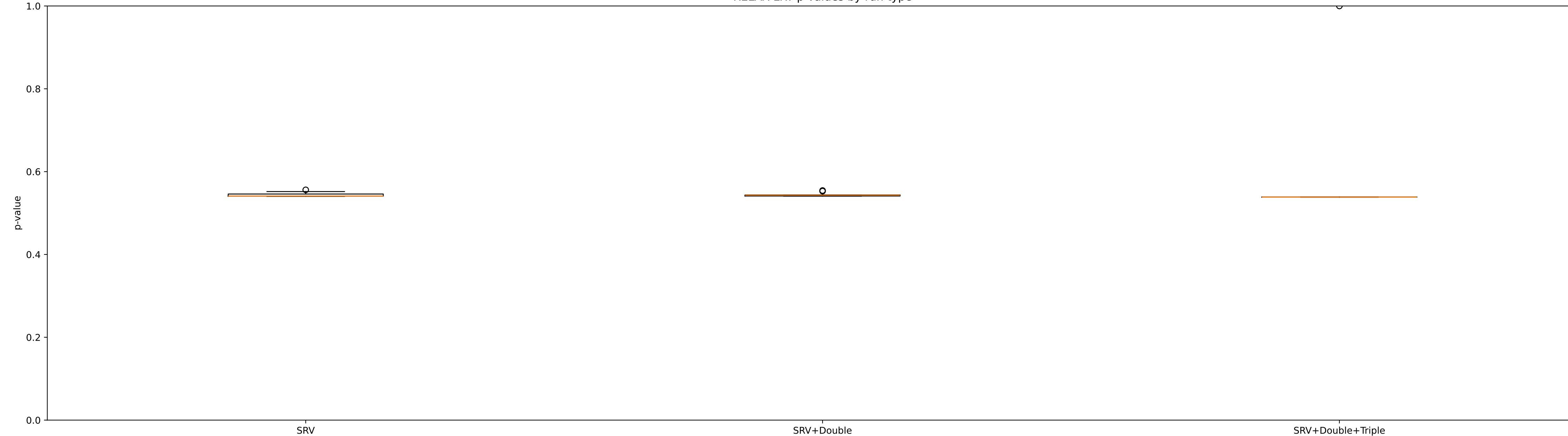
Run-type summary statistics

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
0.5411	0.5404	0.556	0.43	0.42	50.0	0.2334	0.3919	10	nan	nan
0.5432	0.5408	0.5544	0.505	0.41	50.0	0.2334	0.3919	10	0.0	0.0
0.5385	0.5382	1.0	0.445	0.44	50.0	0.2334	0.3919	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



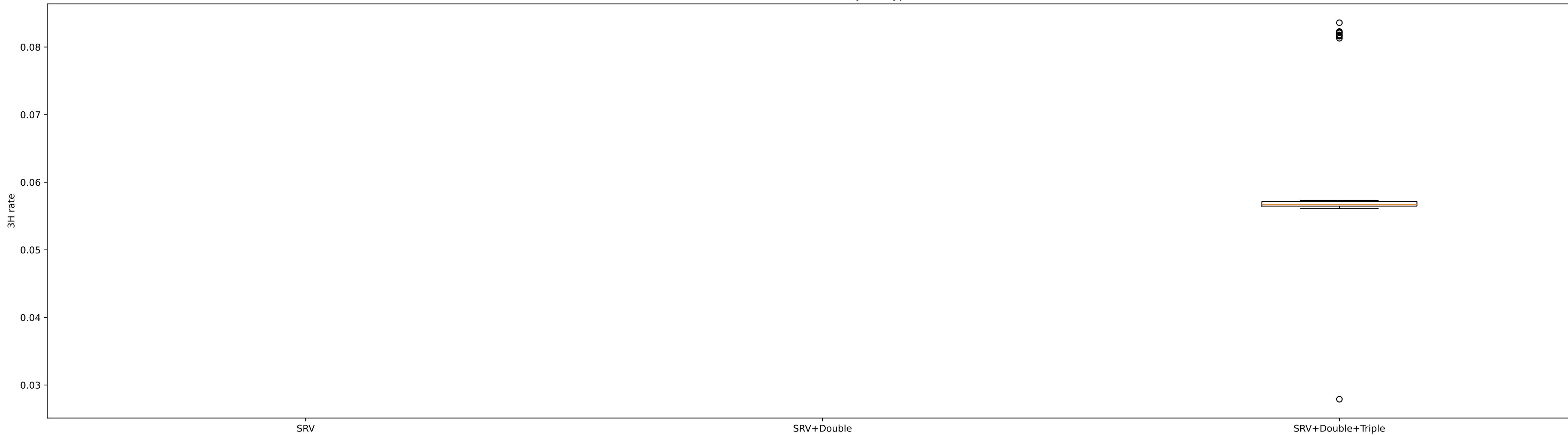
2H rates (reference) by run type



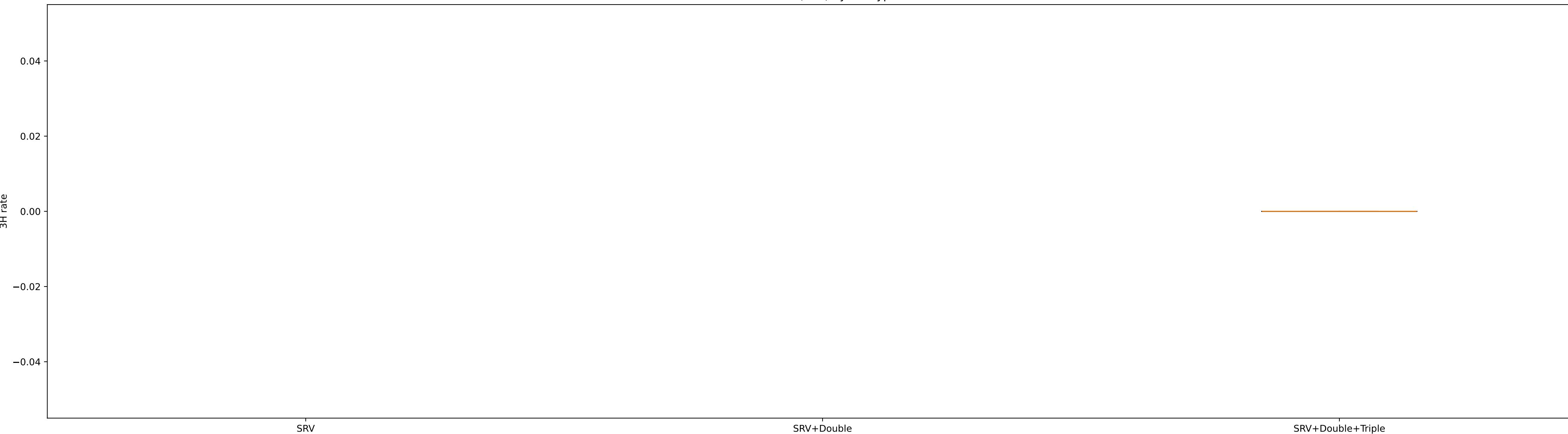
2H rates (test) by run type



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	0.5404	0.42	0.2334	0.3919
	2	0.542	0.44	0.2334	0.3919
	3	0.5408	0.42	0.2335	0.392
	4	0.5412	0.42	0.2335	0.392
	5	0.5407	0.42	0.2334	0.3919
	6	0.5472	0.57	0.2334	0.3919
	7	0.541	50.0	0.2334	0.3919
	8	0.556	0.57	0.2335	0.392
	9	0.5518	0.57	0.2334	0.3919
	10	0.5408	0.42	0.2334	0.3919

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

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test
	1	0.5434	0.57	0.2334	0.3919
	2	0.5414	0.43	0.2334	0.3919
	3	0.5528	0.57	0.2334	0.3919
	4	0.5429	0.44	0.2334	0.3919
	5	0.5438	0.57	0.2334	0.3919
	6	0.5408	0.41	0.2334	0.3919
	7	0.5411	50.0	0.2335	0.392
	8	0.5434	0.44	0.2334	0.3919
	9	0.5544	0.57	0.2334	0.3919
	10	0.541	0.42	0.2334	0.3919

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.5384	0.44	0.2334	0.3919
	2	1.0	10.88	0.2335	0.392
	3	0.5389	0.45	0.2334	0.3919
	4	0.5383	0.44	0.2334	0.3919
	5	0.5386	0.45	0.2335	0.392
	6	0.5384	0.44	0.2334	0.3919
	7	0.5389	0.46	0.2334	0.3919
	8	0.5384	50.0	0.2334	0.3919
	9	0.5386	0.44	0.2334	0.3919
	10	0.5382	0.44	0.2334	0.3919

test		Negative selection	0.0	40.839	SRV+Double
test		Negative selection	0.659	59.161	SRV+Double
test		Negative selection	0.0	40.839	SRV+Double
test		Negative selection, Diversifying selecting on	0.39	59.161	SRV+Double
reference		Ω-class distributions (all) (cols 1-7/7)			SRV+Double
reference		Negative selection	0.0	41.488	SRV+Double
reference		Negative selection, Diversifying selecting on	0.396	58.512	SRV+Double
test		Negative selection, Diversifying selecting on	1.154	0.0	SRV+Double
test		Negative selection	0.0	41.488	SRV+Double
test		Negative selection, Diversifying selecting on	0.396	58.512	SRV+Double
reference		Negative selection, Diversifying selecting on	1.002	0.0	SRV+Double
reference		Negative selection	0.078	65.922	SRV+Double
reference		Negative selection, Diversifying selecting on	0.532	34.078	SRV+Double
test		Negative selection, Diversifying selecting on	1.001	0.0	SRV+Double
test		Negative selection, Diversifying selecting on	1.002	0.0	SRV+Double
test		Negative selection	0.232	65.922	SRV+Double
test		Negative selection	0.697	34.078	SRV+Double
test		Negative selection	0.078	65.922	SRV+Double
test		Negative selection, Diversifying selecting on	0.532	34.078	SRV+Double
reference		Negative selection, Diversifying selecting on	1.159	0.0	SRV+Double
reference		Negative selection	0.075	65.264	SRV+Double
reference		Negative selection, Diversifying selecting on	0.53	34.736	SRV+Double
test		Negative selection, Diversifying selecting on	1.159	0.0	SRV+Double
test		Negative selection	0.075	65.264	SRV+Double
test		Negative selection, Diversifying selecting on	0.53	34.736	SRV+Double
reference		Negative selection, Diversifying selecting on	1.002	0.0	SRV+Double
reference		Negative selection	0.0	43.467	SRV+Double
reference		Negative selection, Diversifying selecting on	0.409	56.533	SRV+Double
test		Negative selection, Diversifying selecting on	1.001	0.0	SRV+Double
test		Negative selection, Diversifying selecting on	1.002	0.0	SRV+Double
test		Negative selection	0.0	43.467	SRV+Double
test		Negative selection	0.69	56.533	SRV+Double
test		Negative selection	0.0	43.467	SRV+Double
test		Negative selection, Diversifying selecting on	0.409	56.533	SRV+Double
reference		Negative selection, Diversifying selecting on	1.159	0.0	SRV+Double
reference		Negative selection	0.0	43.567	SRV+Double
reference		Negative selection, Diversifying selecting on	0.412	56.433	SRV+Double
test		Negative selection, Diversifying selecting on	1.159	0.0	SRV+Double
test		Negative selection	0.0	43.567	SRV+Double
test		Negative selection, Diversifying selecting on	0.412	56.433	SRV+Double
reference		Negative selection, Diversifying selecting on	1.057	2.523	SRV+Double
reference		Negative selection	0.0	44.747	SRV+Double
reference		Negative selection, Diversifying selecting on	0.392	52.73	SRV+Double
test		Negative selection, Diversifying selecting on	16.271	2.523	SRV+Double
test		Negative selection, Diversifying selecting on	1.057	2.523	SRV+Double
test		Negative selection	0.0	44.747	SRV+Double
test		Negative selection	0.0	52.73	SRV+Double
test		Negative selection, Diversifying selecting on	0.0	44.747	SRV+Double
test		Negative selection	0.0	52.73	SRV+Double
reference		Negative selection, Diversifying selecting on	12.392	52.73	SRV+Double
reference		Negative selection, Diversifying selecting on	1.067	0.0	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.0	10.137	SRV	
	2	0.944	78.911	SRV	
	3	2.327	10.952	SRV	
	1	0.0	10.141	SRV	
	2	0.945	79.039	SRV	
	3	2.339	10.82	SRV	
	1	0.0	10.121	SRV	
	2	0.943	78.834	SRV	
	3	2.321	11.045	SRV	
SRV	1	0.0	10.13	SRV	
	2	0.944	78.871	SRV	
	3	2.323	10.999	SRV	
	1	0.0	10.121	SRV	
	2	0.944	78.853	SRV	
	3	2.322	11.026	SRV	
	1	0.0	10.136	SRV	
	2	0.943	78.678	SRV	
	3	2.304	11.187	SRV	
SRV	1	0.0	10.103	SRV	
	2	0.942	78.811	SRV	
	3	2.32	11.086	SRV	
	1	0.0	10.136	SRV	
	2	0.944	78.711	SRV	
	3	2.305	11.153	SRV	
	1	0.0	10.13	SRV	
	2	0.944	78.687	SRV	
	3	2.302	11.183	SRV	
SRV	1	0.0	10.124	SRV	
	2	0.944	78.846	SRV	
	3	2.319	11.031	SRV	

	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0564	SRV+Double+Triple	
	reference		3H	0.0565	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	0.0279	SRV+Double+Triple	
	reference		3H	0.0562	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	0.0562	SRV+Double+Triple	
	reference		3H	0.0561	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	0.0821	SRV+Double+Triple	
	reference		3H	0.0569	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	0.0566	SRV+Double+Triple	
	reference		3H	0.0567	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	0.0818	SRV+Double+Triple	
	reference		3H	0.0565	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	0.0563	SRV+Double+Triple	
	reference		3H	0.0565	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	0.0823	SRV+Double+Triple	
	reference		3H	0.0567	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	0.0564	SRV+Double+Triple	
	reference		3H	0.0567	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	0.0813	SRV+Double+Triple	
	reference		3H	0.0566	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	