

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

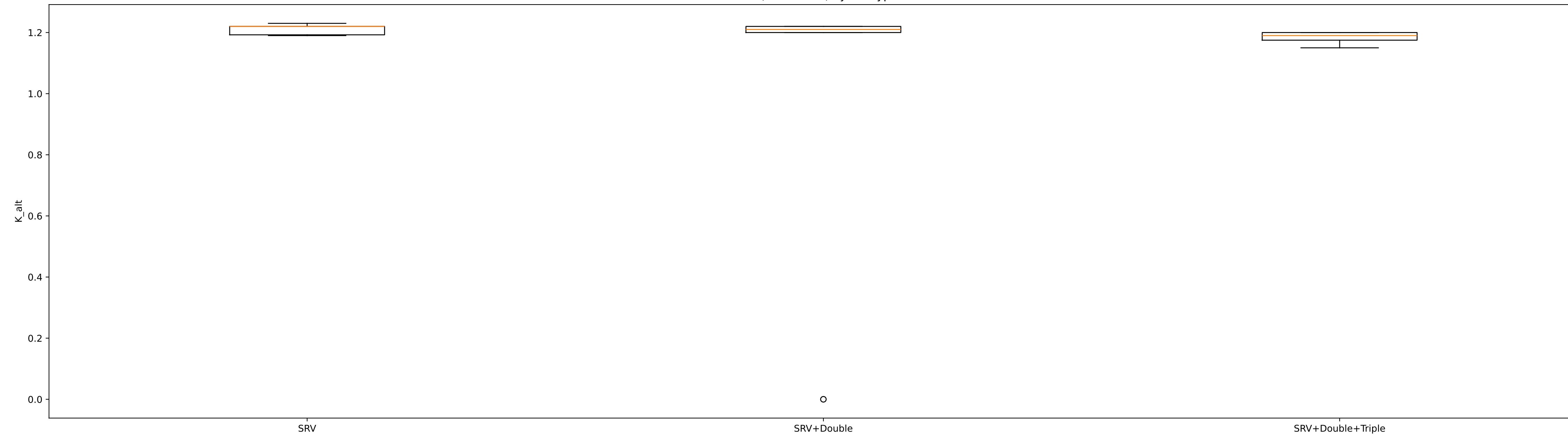
Includes:

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

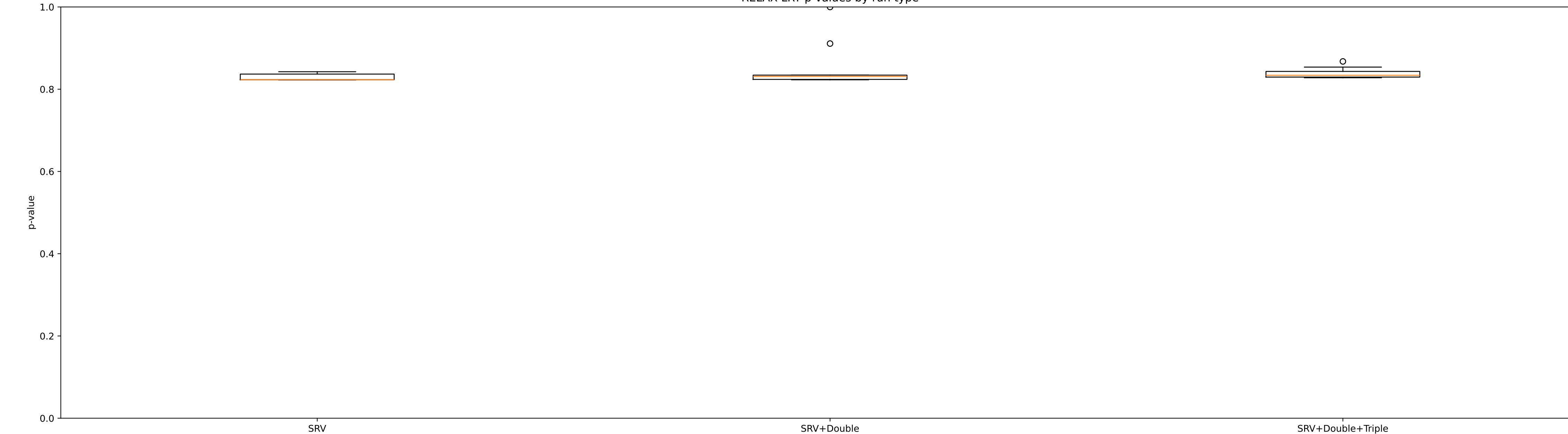
Run-type summary statistics

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
0.8232	0.8226	0.8425	1.22	1.19	1.23	0.2348	0.193	10	nan	nan
0.8309	0.8229	1.0	1.21	0.0	1.22	0.2348	0.1931	10	0.0	0.0
0.8339	0.8279	0.8676	1.19	1.15	1.2	0.2349	0.1931	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



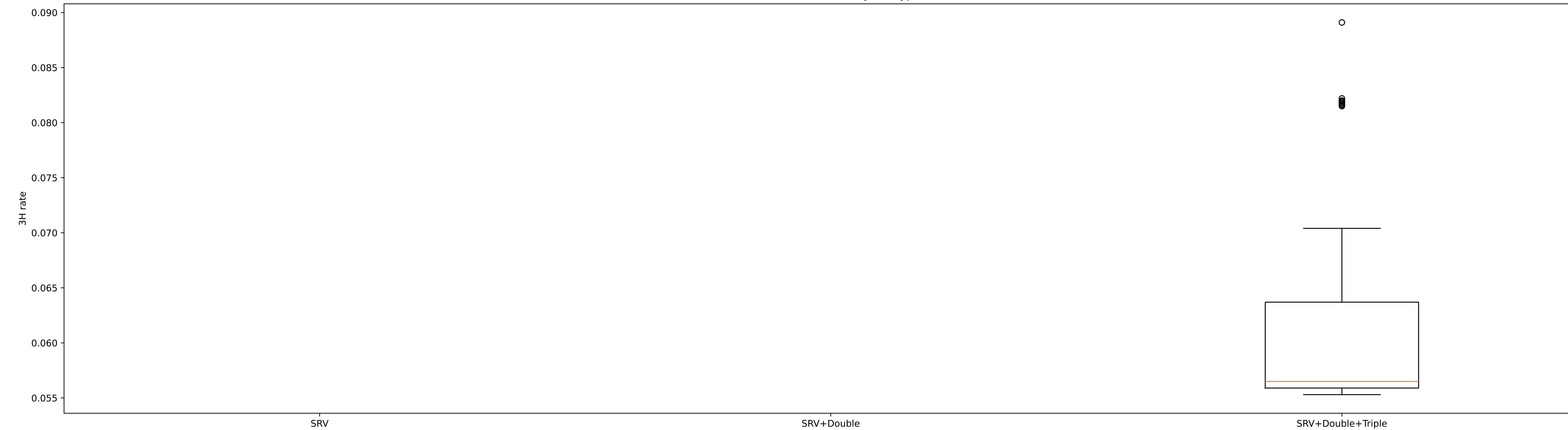
2H rates (reference) by run type



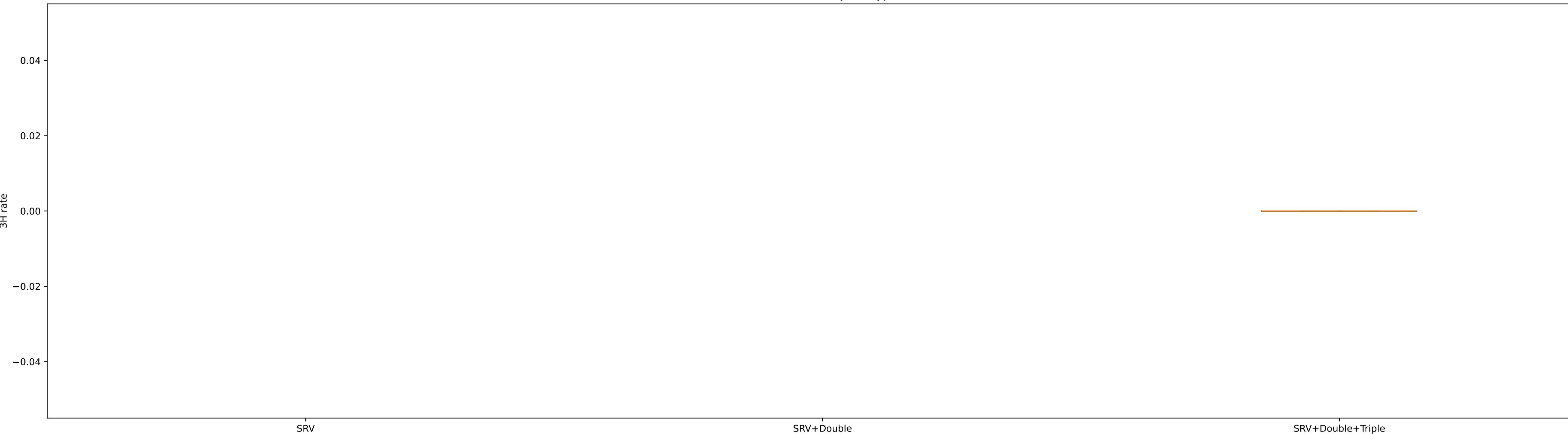
2H rates (test) by run type



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	0.8422	1.19	0.2347	0.1933
	2	0.8231	1.22	0.2348	0.193
	3	0.8226	1.23	0.2348	0.193
	4	0.823	1.22	0.2348	0.193
	5	0.8425	1.19	0.2348	0.193
	6	0.8313	1.2	0.2347	0.1929
	7	0.8386	1.19	0.2348	0.193
	8	0.8229	1.22	0.2349	0.1931
	9	0.8233	1.22	0.2348	0.193
	10	0.8231	1.22	0.2349	0.1931

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.8241	1.22	0.2347	0.1933
	2	0.8306	1.21	0.2349	0.1931
	3	0.911	1.2	0.2349	0.1931
	4	0.834	1.21	0.2349	0.1931
	5	0.8343	1.2	0.2347	0.1933
	6	0.8229	1.22	0.2347	0.193
	7	0.8238	1.22	0.2348	0.193
	8	1.0	0.0	0.2349	0.1931
	9	0.8231	1.22	0.2349	0.1931
	10	0.8312	1.2	0.2348	0.193

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.8457	1.2	0.2349	0.1931
	2	0.8538	1.17	0.2349	0.1931
	3	0.8289	1.2	0.2348	0.193
	4	0.8341	1.16	0.2349	0.1931
	5	0.8337	1.15	0.2348	0.193
	6	0.836	1.19	0.2349	0.1931
	7	0.8313	1.19	0.2349	0.1931
	8	0.8289	1.2	0.2349	0.1931
	9	0.8279	1.2	0.2349	0.1931
	10	0.8676	1.19	0.2349	0.1931

test		Negative selection	0.029	59.674	SRV+Double
test		Negative selection	0.435	40.326	SRV+Double
test		Negative selection	0.053	59.674	SRV+Double
test		Negative selection	0.502	40.326	SRV+Double
reference		Diversifying selecting on	0.0	SRV+Double	
reference		Negative selection	0.05	59.082	SRV+Double
reference		Negative selection	0.498	40.918	SRV+Double
test		Negative selection	1.581	0.0	SRV+Double
test		Negative selection	0.05	59.082	SRV+Double
test		Negative selection	0.498	40.918	SRV+Double
reference		Diversifying selecting on	1.002	0.0	SRV+Double
reference		Negative selection	0.0	41.026	SRV+Double
reference		Negative selection	0.394	58.974	SRV+Double
test		Diversifying selecting on	1.002	0.0	SRV+Double
test		Diversifying selecting on	1.002	0.0	SRV+Double
test		Negative selection	0.0	41.026	SRV+Double
test		Negative selection	0.325	58.974	SRV+Double
test		Negative selection	0.0	41.026	SRV+Double
test		Negative selection	0.394	58.974	SRV+Double
reference		Diversifying selecting on	1.162	0.0	SRV+Double
reference		Negative selection	0.0	41.544	SRV+Double
reference		Negative selection	0.397	58.456	SRV+Double
test		Diversifying selecting on	1.162	0.0	SRV+Double
test		Negative selection	0.0	41.544	SRV+Double
test		Negative selection	0.397	58.456	SRV+Double
reference		Diversifying selecting on	1.002	0.0	SRV+Double
reference		Negative selection	0.0	43.977	SRV+Double
reference		Negative selection	0.416	56.023	SRV+Double
test		Diversifying selecting on	1.002	0.0	SRV+Double
test		Diversifying selecting on	1.002	0.0	SRV+Double
test		Negative selection	0.0	43.977	SRV+Double
test		Negative selection	0.343	56.023	SRV+Double
test		Negative selection	0.0	43.977	SRV+Double
test		Negative selection	0.416	56.023	SRV+Double
reference		Diversifying selecting on	1.167	0.0	SRV+Double
reference		Negative selection	0.0	43.982	SRV+Double
reference		Negative selection	0.415	56.018	SRV+Double
test		Diversifying selecting on	1.167	0.0	SRV+Double
test		Negative selection	0.0	43.982	SRV+Double
test		Negative selection	0.415	56.018	SRV+Double
reference		Diversifying selecting on	1.002	0.0	SRV+Double
reference		Negative selection	0.0	43.877	SRV+Double
reference		Negative selection	0.414	56.123	SRV+Double
test		Diversifying selecting on	1.003	0.0	SRV+Double
test		Diversifying selecting on	1.002	0.0	SRV+Double
test		Negative selection	0.0	43.877	SRV+Double
test		Negative selection	0.342	56.123	SRV+Double
test		Negative selection	0.0	43.877	SRV+Double
test		Negative selection	0.342	56.123	SRV+Double
reference		Diversifying selecting on	1.168	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	10.127	SRV	
	2	0.943	78.654	SRV	
	3	2.301	11.219	SRV	
	1	0.0	10.109	SRV	
	2	0.942	78.721	SRV	
	3	2.311	11.171	SRV	
	1	0.0	10.026	SRV	
	2	0.936	78.155	SRV	
	3	2.27	11.819	SRV	
SRV	1	0.0	10.114	SRV	
	2	0.943	78.765	SRV	
	3	2.314	11.122	SRV	
	1	0.0	10.127	SRV	
	2	0.944	78.69	SRV	
	3	2.303	11.183	SRV	
	1	0.0	10.129	SRV	
	2	0.944	78.983	SRV	
	3	2.335	10.888	SRV	
SRV	1	0.0	10.135	SRV	
	2	0.944	78.743	SRV	
	3	2.308	11.122	SRV	
	1	0.0	10.113	SRV	
	2	0.943	78.743	SRV	
	3	2.312	11.144	SRV	
	1	0.0	10.111	SRV	
	2	0.942	78.702	SRV	
	3	2.31	11.186	SRV	
SRV	1	0.0	10.108	SRV	
	2	0.942	78.729	SRV	
	3	2.311	11.163	SRV	

	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0553	SRV+Double+Triple	
	reference		3H	0.0555	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	0.0891	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	0.0561	SRV+Double+Triple	
	reference		3H	0.0556	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	0.082	SRV+Double+Triple	
	reference		3H	0.0566	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	0.0566	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	0.0817	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	0.0564	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	0.082	SRV+Double+Triple	
	reference		3H	0.0568	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	0.0569	SRV+Double+Triple	
	reference		3H	0.0568	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	0.0816	SRV+Double+Triple	
	reference		3H	0.0555	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	