

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)

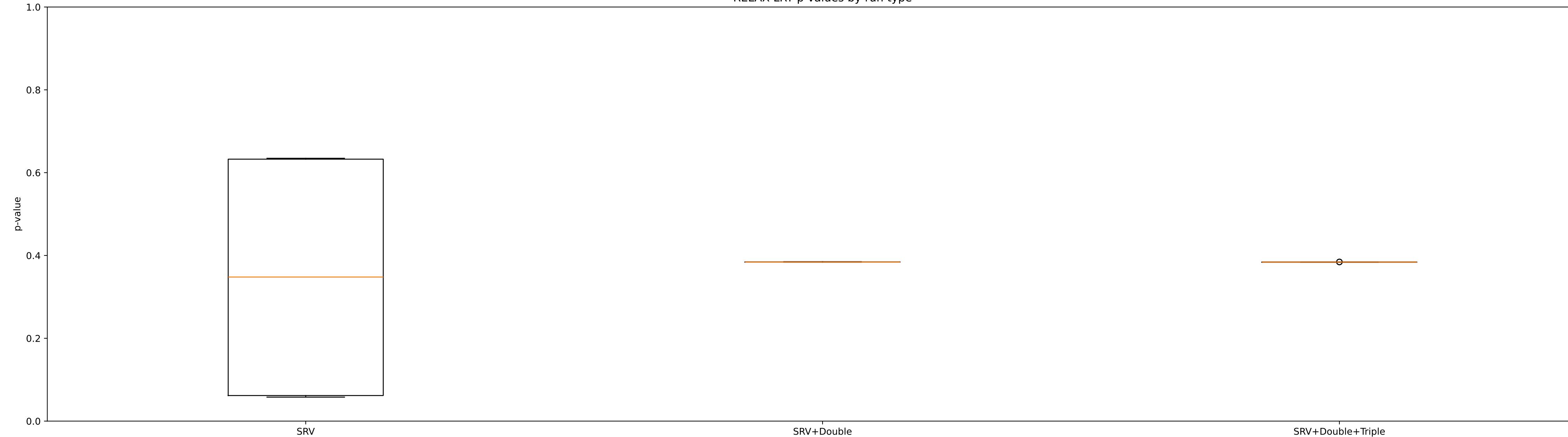
Run-type summary statistics

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_medi an
0.348	0.0579	0.6347	6.905	0.69	22.62	0.227	0.5836	10	nan	nan
0.3841	0.3839	0.3849	0.58	0.58	0.59	0.227	0.584	10	0.0	0.5068
0.384	0.3838	0.3844	0.59	0.58	0.59	0.2269	0.5834	10	0.0	0.5077

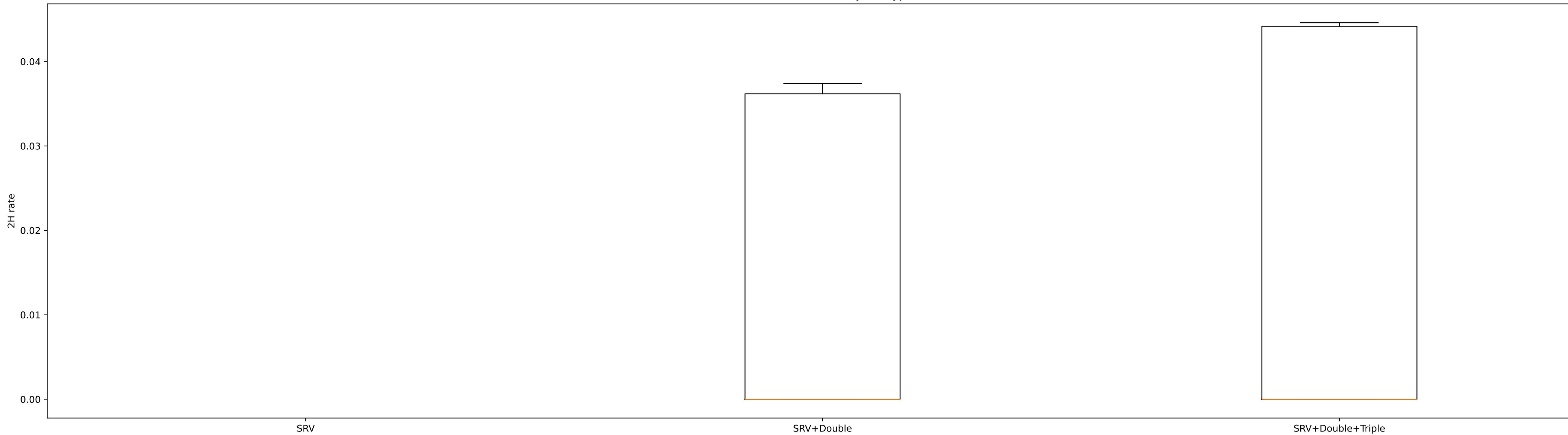
K (alternative) by run type



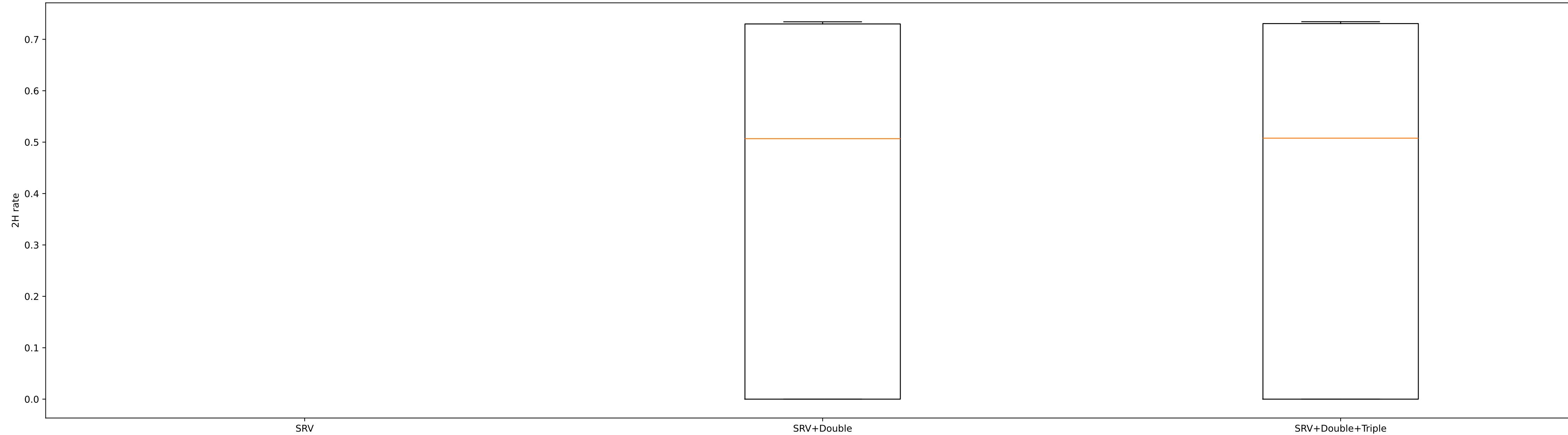
RELAX LRT p-values by run type



2H rates (reference) by run type



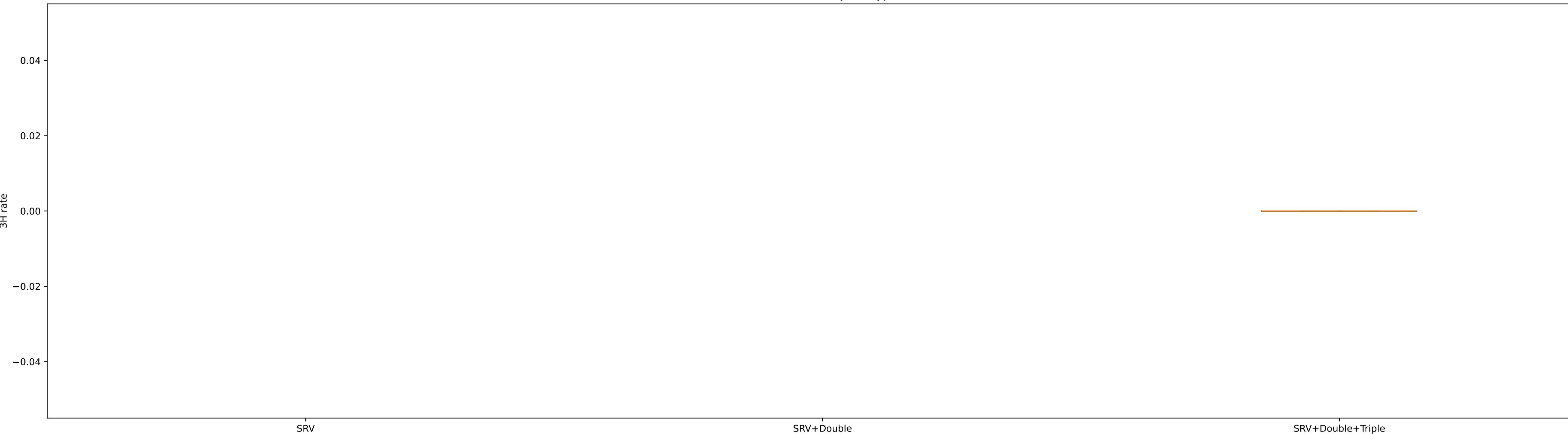
2H rates (test) by run type



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	0.0641	13.05	0.227	0.5833
	2	0.0579	22.62	0.227	0.5846
	3	0.6341	0.69	0.2266	0.5811
	4	0.0617	15.34	0.227	0.5852
	5	0.0616	15.43	0.2269	0.5829
	6	0.6328	0.76	0.2269	0.5838
	7	0.6347	0.76	0.2268	0.5839
	8	0.6318	0.75	0.2267	0.5823
	9	0.062	15.12	0.2271	0.5831
	10	0.6319	0.75	0.227	0.585

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.3849	0.59	0.2268	0.5863
	2	0.3841	0.59	0.2268	0.5843
	3	0.3845	0.58	0.227	0.5846
	4	0.384	0.58	0.2269	0.585
	5	0.3841	0.58	0.227	0.5834
	6	0.3845	0.59	0.227	0.5831
	7	0.3839	0.58	0.2269	0.5848
	8	0.3839	0.58	0.227	0.5838
	9	0.3841	0.58	0.227	0.5838
	10	0.3843	0.58	0.2269	0.5828

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.3839	0.59	0.2266	0.5852
	2	0.384	0.59	0.2269	0.5848
	3	0.384	0.59	0.227	0.5844
	4	0.3839	0.59	0.2268	0.5832
	5	0.3839	0.59	0.227	0.5831
	6	0.3843	0.58	0.2268	0.5837
	7	0.3839	0.59	0.227	0.5838
	8	0.3838	0.59	0.2269	0.5832
	9	0.384	0.58	0.2266	0.5811
	10	0.3844	0.59	0.2269	0.5828

				0.394	68.087	SRV+Double
	test		Negative s election	0.409	31.913	SRV+Double
	test		Negative s election	0.203	68.087	SRV+Double
	test		Negative s election	0.217	31.913	SRV+Double
	reference		Diversifying selecting on	0.0	SRV+Double	
	reference		Negative s election	0.209	38.244	SRV+Double
	reference		Negative s election	0.216	61.756	SRV+Double
	test		Diversifying selecting on	4.835	0.0	SRV+Double
	test		Negative s election	0.209	38.244	SRV+Double
	test		Negative s election	0.216	61.756	SRV+Double
	reference		Diversifying selecting on	1.593	0.0	SRV+Double
	reference		Negative s election	0.203	41.264	SRV+Double
	reference		Negative s election	0.212	58.736	SRV+Double
	test		Diversifying selecting on	1.313	0.0	SRV+Double
	test		Diversifying selecting on	1.593	0.0	SRV+Double
	test		Negative s election	0.394	41.264	SRV+Double
	test		Negative s election	0.403	58.736	SRV+Double
	test		Negative s election	0.203	41.264	SRV+Double
	test		Negative s election	0.212	58.736	SRV+Double
	reference		Diversifying selecting on	3.186	0.0	SRV+Double
	reference		Negative s election	0.177	0.0	SRV+Double
	reference		Negative s election	0.213	100.0	SRV+Double
	test		Diversifying selecting on	3.186	0.0	SRV+Double
	test		Negative s election	0.177	0.0	SRV+Double
	test		Negative s election	0.213	100.0	SRV+Double
	reference		Diversifying selecting on	2.975	0.0	SRV+Double
	reference		Negative s election	0.189	0.0	SRV+Double
	reference		Negative s election	0.209	100.0	SRV+Double
	test		Diversifying selecting on	1.894	0.0	SRV+Double
	test		Diversifying selecting on	2.975	0.0	SRV+Double
	test		Negative s election	0.377	0.0	SRV+Double
	test		Negative s election	0.399	100.0	SRV+Double
	test		Negative s election	0.189	0.0	SRV+Double
	test		Negative s election	0.209	100.0	SRV+Double
	reference		Diversifying selecting on	1.134	0.0	SRV+Double
	reference		Negative s election	0.142	0.0	SRV+Double
	reference		Negative s election	0.214	100.0	SRV+Double
	test		Diversifying selecting on	1.134	0.0	SRV+Double
	test		Negative s election	0.142	0.0	SRV+Double
	test		Negative s election	0.214	100.0	SRV+Double
	reference		Diversifying selecting on	1.658	0.0	SRV+Double
	reference		Negative s election	0.174	0.0	SRV+Double
	reference		Negative s election	0.208	100.0	SRV+Double
	test		Diversifying selecting on	1.344	0.0	SRV+Double
	test		Diversifying selecting on	1.658	0.0	SRV+Double
	test		Negative s election	0.36	0.0	SRV+Double
	test		Negative s election	0.4	100.0	SRV+Double
	test		Negative s election	0.174	0.0	SRV+Double
	test		Negative s election	12	SRV+Double	
	test		Negative s election	0.208	100.0	SRV+Double
	reference		Diversifying selecting on	3.282	0.0	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.025	30.683	SRV	
	2	0.025	33.666	SRV	
	3	2.76	35.652	SRV	
	1	0.025	34.741	SRV	
	2	0.025	29.637	SRV	
	3	2.761	35.622	SRV	
	1	0.023	30.201	SRV	
	2	0.025	34.029	SRV	
	3	2.753	35.77	SRV	
SRV	1	0.025	36.003	SRV	
	2	0.025	28.33	SRV	
	3	2.759	35.667	SRV	
	1	0.025	35.337	SRV	
	2	0.025	28.99	SRV	
	3	2.759	35.673	SRV	
	1	0.023	27.222	SRV	
	2	0.024	37.001	SRV	
	3	2.753	35.777	SRV	
SRV	1	0.023	33.315	SRV	
	2	0.023	30.867	SRV	
	3	2.751	35.817	SRV	
	1	0.024	28.525	SRV	
	2	0.024	35.724	SRV	
	3	2.755	35.751	SRV	
	1	0.025	30.621	SRV	
	2	0.026	33.775	SRV	
	3	2.763	35.604	SRV	
SRV	1	0.023	35.592	SRV	
	2	0.024	28.613	SRV	
	3	2.752	35.795	SRV	

	reference		2H	0.0	SRV+Double	
	test		2H	0.5059	SRV+Double	
	reference		2H	0.0	SRV+Double	
	test		2H	0.7304	SRV+Double	
	test		2H	0.0	SRV+Double	
	reference		2H	0.0446	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.5081	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.73	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0443	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.5073	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.7318	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0443	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.5077	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.7331	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.044	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.5078	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.7319	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0445	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.5077	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	