

## RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

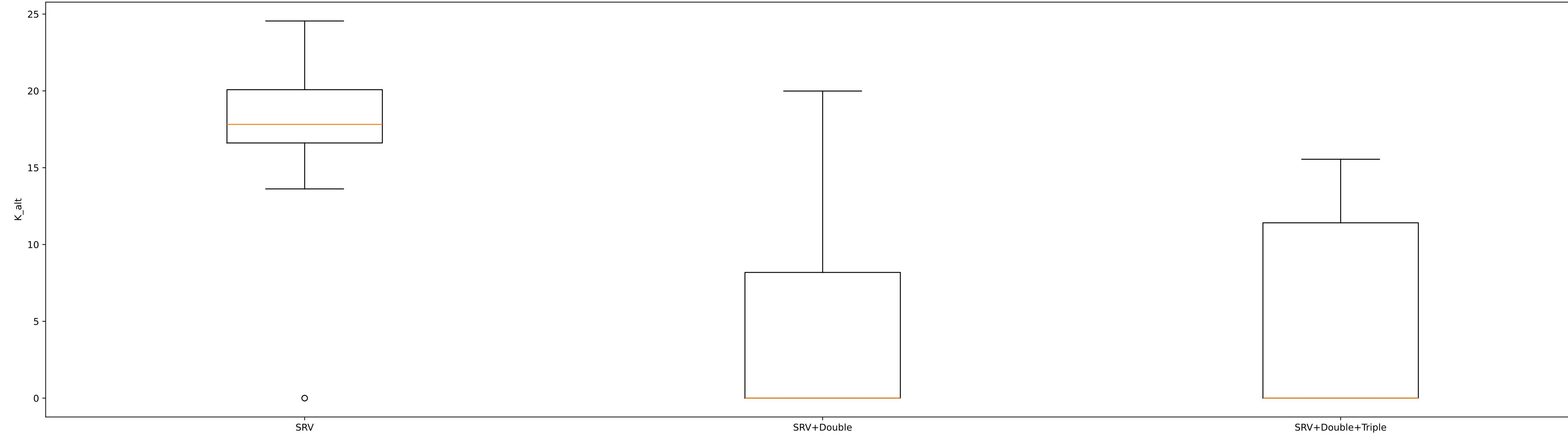
Includes:

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

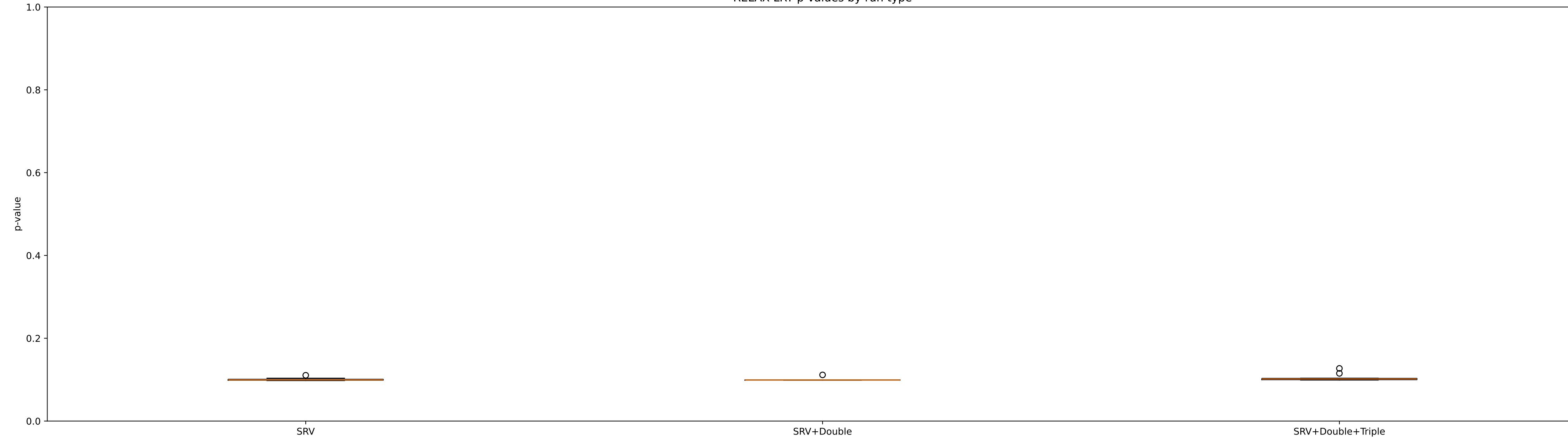
## Run-type summary statistics

<b>p_median</b>	<b>p_min</b>	<b>p_max</b>	<b>K_median</b>	<b>K_min</b>	<b>K_max</b>	<b>omega_ref_medi an</b>	<b>omega_test_medi an</b>	<b>warnings_count</b>	<b>2H_reference_m edian</b>	<b>2H_test_median</b>
0.0995	0.0978	0.1106	17.82	0.0	24.55	0.2682	1.4927	10	nan	nan
0.0992	0.0987	0.1115	0.0	0.0	19.99	0.2682	1.4927	10	0.0	0.0
0.1016	0.0991	0.1272	0.0	0.0	15.55	0.2682	1.4927	10	0.0	0.0

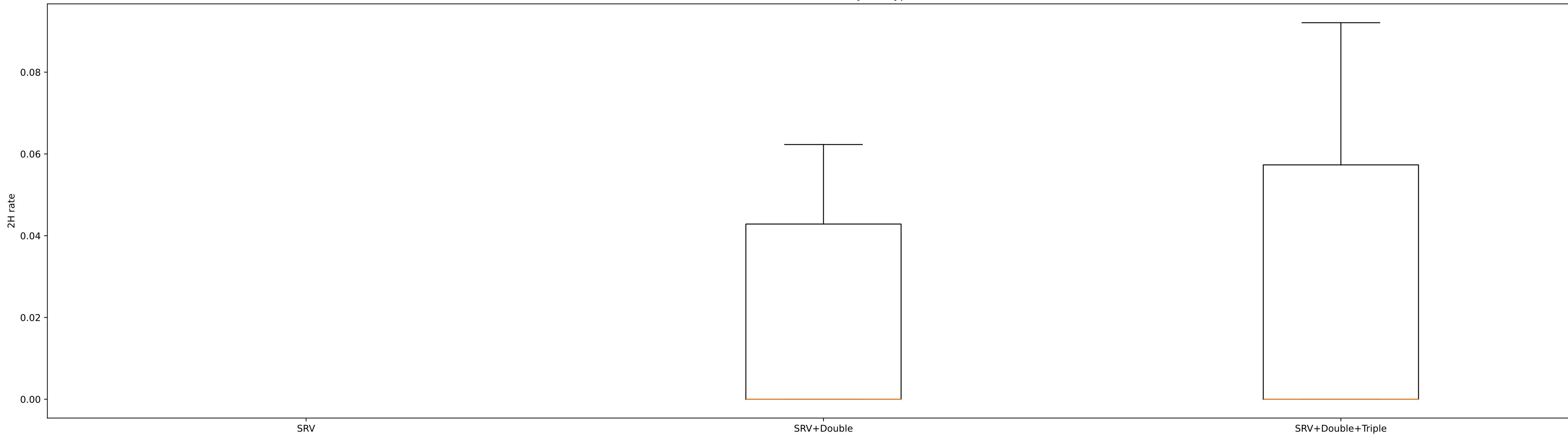
K (alternative) by run type



### RELAX LRT p-values by run type



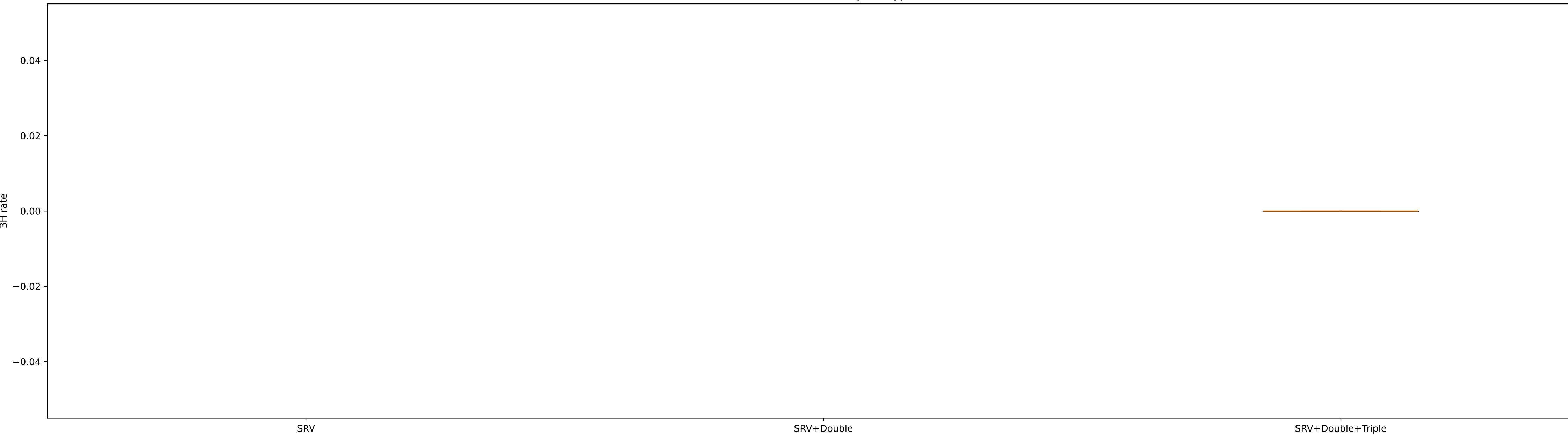
2H rates (reference) by run type



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)

	<b>replicate</b>	<b>p_value</b>	<b>K_alt</b>	<b>global_dNdS_re ference</b>	<b>global_dNdS_te st</b>
	1	0.1009	16.52	0.2682	1.4927
	2	0.098	24.55	0.2682	1.4927
	3	0.1035	0.0	0.2682	1.4927
	4	0.099	20.14	0.2682	1.4927
	5	0.1106	17.36	0.2682	1.4927
	6	0.1007	16.88	0.2682	1.4927
	7	0.0986	13.62	0.2682	1.4927
	8	0.0995	20.82	0.2682	1.4927
	9	0.0995	18.28	0.2682	1.4927
	10	0.0978	19.89	0.2682	1.4927

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

	<b>replicate</b>	<b>p_value</b>	<b>K_alt</b>	<b>global_dNdS_re ference</b>	<b>global_dNdS_te st</b>
	1	0.0994	0.0	0.2682	1.4927
	2	0.099	15.9	0.2682	1.4927
	3	0.0996	0.0	0.2682	1.4927
	4	0.0987	19.99	0.2682	1.4927
	5	0.1115	0.0	0.2682	1.4927
	6	0.0993	0.0	0.2682	1.4927
	7	0.0988	0.0	0.2682	1.4927
	8	0.0995	0.0	0.2682	1.4927
	9	0.0988	10.91	0.2682	1.4927
	10	0.0989	0.0	0.2682	1.4927

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

	<b>replicate</b>	<b>p_value</b>	<b>K_alt</b>	<b>global_dNdS_re ference</b>	<b>global_dNdS_te st</b>
	1	0.1035	0.0	0.2682	1.4927
	2	0.0993	0.0	0.2682	1.4927
	3	0.1019	11.15	0.2682	1.4927
	4	0.0991	12.01	0.2682	1.4927
	5	0.101	0.0	0.2682	1.4927
	6	0.1016	0.0	0.2682	1.4927
	7	0.1152	15.55	0.2682	1.4927
	8	0.1272	0.0	0.2682	1.4927
	9	0.0996	11.5	0.2682	1.4927
	10	0.1017	0.0	0.2682	1.4927

	test	Negative s election	0.0	62.765	SRV+Double
	test	Negative s election	0.0	28.975	SRV+Double
	test	Negative s election	0.0	62.765	SRV+Double
	test	Negative s election	0.643	28.975	SRV+Double
	reference	Negative s election	<b>Ω-class distributions (all) (cols 1-7/7)</b>		
	reference	Negative s election	0.718	28.074	SRV+Double
	reference	Neutral evolution	1.0	8.152	SRV+Double
	test	Negative s election	0.0	63.773	SRV+Double
	test	Negative s election	0.718	28.074	SRV+Double
	test	Neutral evolution	1.0	8.152	SRV+Double
	reference	Negative s election	0.0	63.732	SRV+Double
	reference	Negative s election	0.694	26.524	SRV+Double
	reference	Neutral evolution	1.0	9.743	SRV+Double
	test	Negative s election	0.0	63.732	SRV+Double
	test	Negative s election	0.694	26.524	SRV+Double
	test	Neutral evolution	1.0	26.524	SRV+Double
	test	Neutral evolution	1.0	63.732	SRV+Double
	test	Neutral evolution	1.0	9.743	SRV+Double
	test	Neutral evolution	1.0	9.743	SRV+Double
	reference	Negative s election	0.0	63.831	SRV+Double
	reference	Negative s election	0.706	26.583	SRV+Double
	reference	Neutral evolution	1.0	9.586	SRV+Double
	test	Negative s election	0.0	63.831	SRV+Double
	test	Negative s election	0.706	26.583	SRV+Double
	test	Neutral evolution	1.0	9.586	SRV+Double
	reference	Negative s election	0.0	63.68	SRV+Double
	reference	Negative s election	0.675	25.136	SRV+Double
	reference	Neutral evolution	1.0	11.184	SRV+Double
	test	Negative s election	0.0	63.68	SRV+Double
	test	Negative s election	0.675	25.136	SRV+Double
	test	Neutral evolution	1.0	25.136	SRV+Double
	test	Neutral evolution	1.0	63.68	SRV+Double
	test	Neutral evolution	1.0	11.184	SRV+Double
	test	Neutral evolution	1.0	11.184	SRV+Double
	reference	Negative s election	0.0	63.488	SRV+Double
	reference	Negative s election	0.677	25.294	SRV+Double
	reference	Neutral evolution	1.0	11.218	SRV+Double
	test	Negative s election	0.0	63.488	SRV+Double
	test	Negative s election	0.677	25.294	SRV+Double
	test	Neutral evolution	1.0	11.218	SRV+Double
	reference	Negative s election	0.0	63.829	SRV+Double
	reference	Negative s election	0.71	27.82	SRV+Double
	reference	Neutral evolution	1.0	8.351	SRV+Double
	test	Negative s election	0.0	63.829	SRV+Double
	test	Negative s election	0.71	27.82	SRV+Double
	test	Neutral evolution	1.0	27.82	SRV+Double
	test	Neutral evolution	1.0	63.829	SRV+Double
	test	Neutral evolution	1.0	8.351	SRV+Double
	test	Neutral evolution	1.0	8.351	SRV+Double
	reference	Negative s election	0.0	63.73	SRV+Double

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

	<b>class_id</b>	<b>syn_rate</b>	<b>proportion_per cent</b>	<b>run_type</b>	
SRV	1	0.742	67.222	SRV	
	2	0.867	23.841	SRV	
	3	3.297	8.937	SRV	
	1	0.733	87.309	SRV	
	2	2.502	12.214	SRV	
	3	11.504	0.477	SRV	
	1	0.754	77.752	SRV	
	2	0.887	13.281	SRV	
	3	3.297	8.967	SRV	
SRV	1	0.765	87.276	SRV	
	2	0.984	3.917	SRV	
	3	3.335	8.807	SRV	
	1	0.0	2.638	SRV	
	2	0.818	89.887	SRV	
	3	3.538	7.475	SRV	
	1	0.772	90.853	SRV	
	2	3.227	0.741	SRV	
	3	3.273	8.406	SRV	
SRV	1	0.731	71.955	SRV	
	2	0.969	19.741	SRV	
	3	3.407	8.304	SRV	
	1	0.0	3.078	SRV	
	2	0.826	89.903	SRV	
	3	3.663	7.019	SRV	
	1	0.441	15.384	SRV	
	2	0.871	77.525	SRV	
	3	3.622	7.092	SRV	
SRV	1	0.711	62.942	SRV	
	2	0.945	28.954	SRV	
	3	3.443	8.103	SRV	

