

## 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)

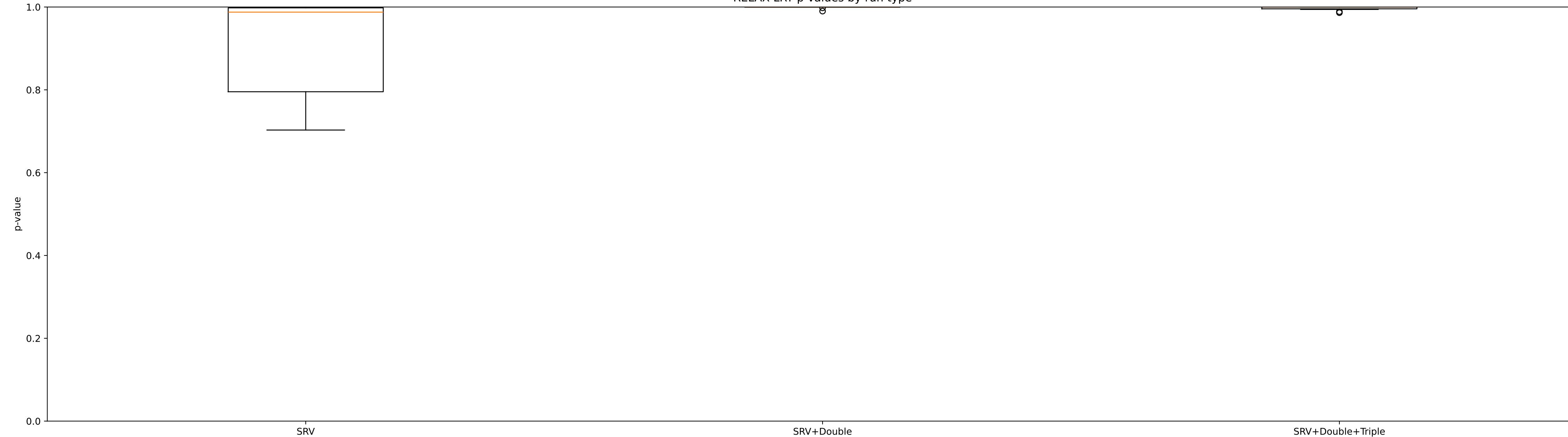
## Run-type summary statistics

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
0.9876	0.7029	1.0	0.99	0.75	1.11	0.2376	0.2225	10	nan	nan
1.0	0.9901	1.0	1.0	0.99	1.0	0.2376	0.2228	10	0.048	0.0905
1.0	0.9863	1.0	1.0	0.99	1.0	0.2376	0.2225	10	0.0514	0.0911

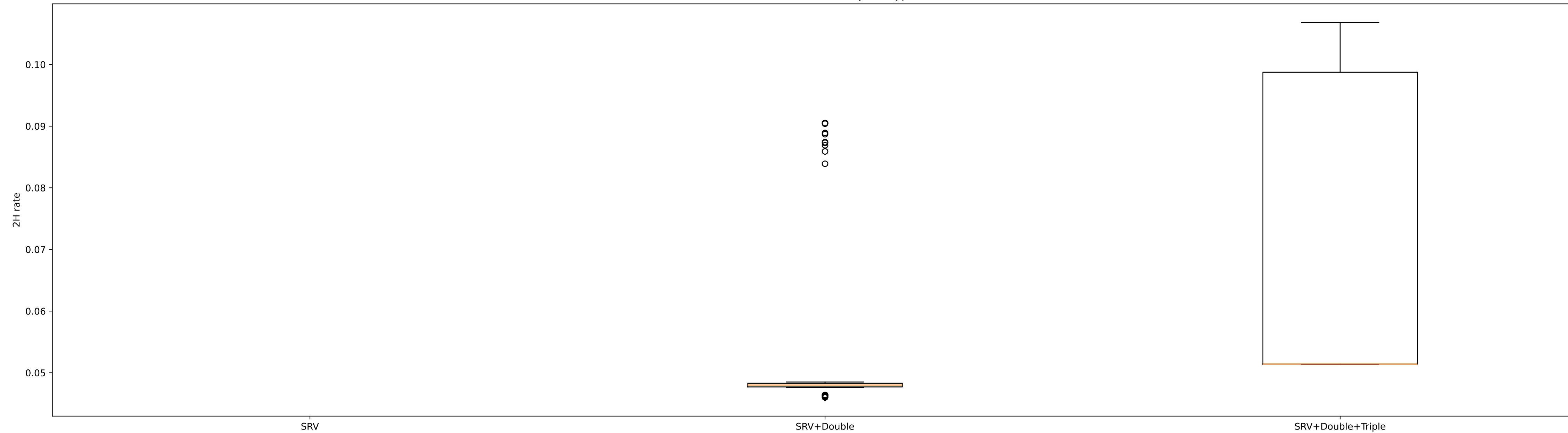
K (alternative) by run type



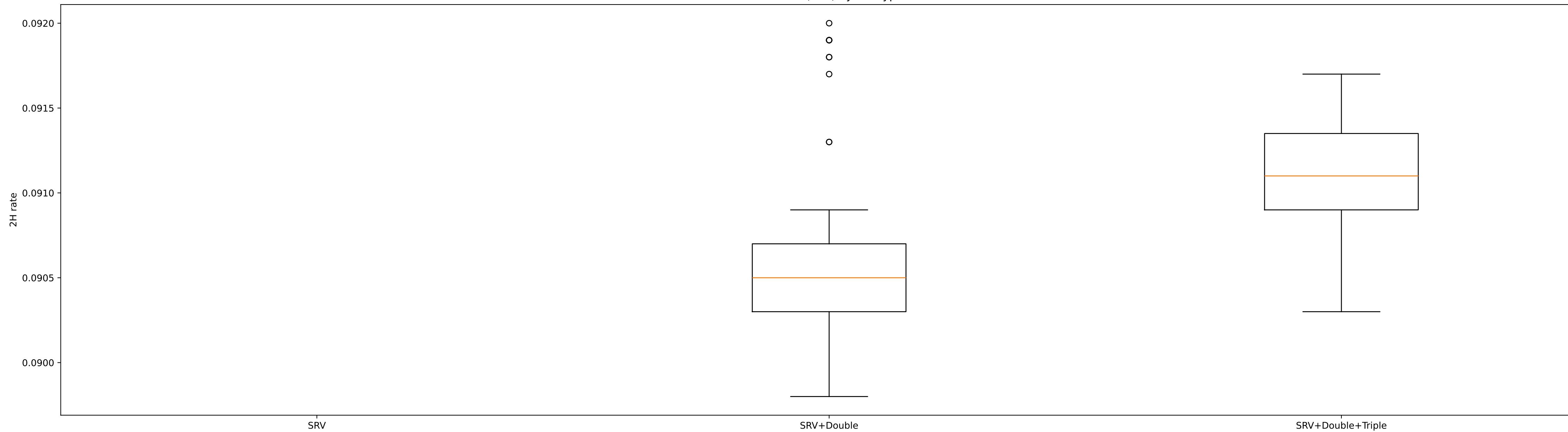
RELAX LRT p-values by run type



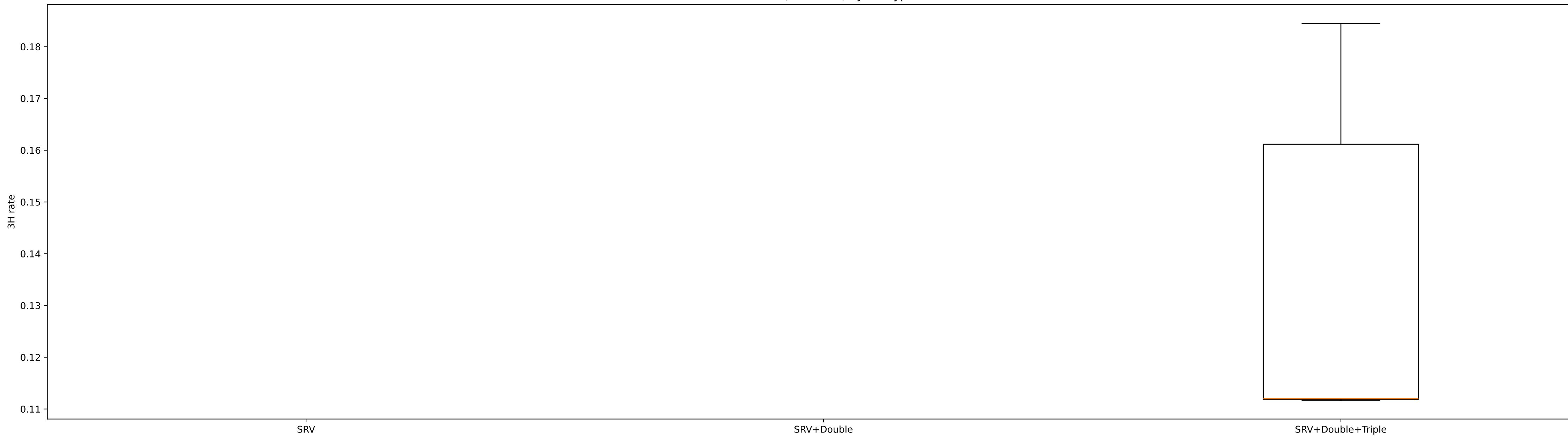
2H rates (reference) by run type



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_reference</b>	<b>global_dNdS_test</b>
	1	0.9831	0.99	0.2376	0.2225
	2	0.7029	0.75	0.2375	0.2232
	3	0.7328	1.1	0.2376	0.2225
	4	0.9918	0.99	0.2376	0.2225
	5	0.9908	0.99	0.2376	0.2225
	6	0.7231	1.11	0.2376	0.2225
	7	1.0	0.99	0.2376	0.2225
	8	1.0	1.0	0.2378	0.223
	9	1.0	0.99	0.2376	0.2225
	10	0.9844	0.99	0.2376	0.2225

## 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	0.9901	0.99	0.2376	0.2225
	2	1.0	1.0	0.2375	0.2232
	3	1.0	1.0	0.2378	0.223
	4	0.998	0.99	0.2376	0.2225
	5	1.0	1.0	0.2377	0.223
	6	1.0	1.0	0.2375	0.2225
	7	1.0	1.0	0.2377	0.223
	8	1.0	1.0	0.2377	0.223
	9	1.0	1.0	0.2376	0.2224
	10	1.0	1.0	0.2376	0.2225

## 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	0.9863	0.99	0.2376	0.2225
	2	1.0	0.99	0.2378	0.2232
	3	0.9942	1.0	0.2377	0.223
	4	0.9889	0.99	0.2378	0.223
	5	1.0	0.99	0.2376	0.2225
	6	1.0	1.0	0.2378	0.223
	7	1.0	1.0	0.2376	0.2225
	8	1.0	1.0	0.2376	0.2225
	9	1.0	1.0	0.2376	0.2225
	10	1.0	1.0	0.2376	0.2225

	test	Negative s election	0.213	97.165	SRV+Double
	test	Negative s election	0.238	2.635	SRV+Double
	test	Negative s election	0.211	97.165	SRV+Double
	test	Negative s election	0.236	2.635	SRV+Double
	reference	Diversifying selecting on	<b>Ω-class distributions (all) (cols 1-7/7)</b>		
	reference	Negative s election	0.211	97.163	SRV+Double
	reference	Negative s election	0.233	2.637	SRV+Double
	test	Negative s election	5.818	0.2	SRV+Double
	test	Negative s election	0.211	97.163	SRV+Double
	test	Negative s election	0.233	2.637	SRV+Double
	reference	Diversifying selecting on	5.869	0.196	SRV+Double
	reference	Negative s election	0.191	36.816	SRV+Double
	reference	Negative s election	0.225	62.988	SRV+Double
	test	Diversifying selecting on	5.845	0.196	SRV+Double
	test	Diversifying selecting on	5.869	0.196	SRV+Double
	test	Negative s election	0.192	36.816	SRV+Double
	test	Negative s election	0.226	62.988	SRV+Double
	test	Negative s election	0.191	36.816	SRV+Double
	test	Negative s election	0.225	62.988	SRV+Double
	reference	Diversifying selecting on	5.869	0.196	SRV+Double
	reference	Negative s election	0.193	37.305	SRV+Double
	reference	Negative s election	0.224	62.499	SRV+Double
	test	Diversifying selecting on	5.869	0.196	SRV+Double
	test	Negative s election	0.193	37.305	SRV+Double
	test	Negative s election	0.224	62.499	SRV+Double
	reference	Diversifying selecting on	5.853	0.195	SRV+Double
	reference	Negative s election	0.182	30.161	SRV+Double
	reference	Negative s election	0.226	69.643	SRV+Double
	test	Diversifying selecting on	5.828	0.195	SRV+Double
	test	Diversifying selecting on	5.853	0.195	SRV+Double
	test	Negative s election	0.182	30.161	SRV+Double
	test	Negative s election	0.227	69.643	SRV+Double
	test	Negative s election	0.182	30.161	SRV+Double
	test	Negative s election	0.226	69.643	SRV+Double
	reference	Diversifying selecting on	5.872	0.194	SRV+Double
	reference	Negative s election	0.184	30.42	SRV+Double
	reference	Negative s election	0.225	69.385	SRV+Double
	test	Diversifying selecting on	5.872	0.194	SRV+Double
	test	Negative s election	0.184	30.42	SRV+Double
	test	Negative s election	0.225	69.385	SRV+Double
	reference	Diversifying selecting on	5.892	0.194	SRV+Double
	reference	Negative s election	0.195	45.867	SRV+Double
	reference	Negative s election	0.227	53.938	SRV+Double
	test	Diversifying selecting on	5.854	0.194	SRV+Double
	test	Diversifying selecting on	5.892	0.194	SRV+Double
	test	Negative s election	0.197	45.867	SRV+Double
	test	Negative s election	0.228	53.938	SRV+Double
	test	Negative s election	0.195	45.867	SRV+Double
	test	Negative s election	0.227	53.938	SRV+Double
	reference	Diversifying selecting on	5.869	0.198	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	0.12	8.41	SRV	
	2	0.864	82.527	SRV	
	3	3.059	9.063	SRV	
	1	0.117	8.3	SRV	
	2	0.863	82.601	SRV	
	3	3.054	9.099	SRV	
	1	0.162	10.136	SRV	
	2	0.876	80.725	SRV	
	3	3.029	9.139	SRV	
SRV	1	0.122	8.512	SRV	
	2	0.864	82.438	SRV	
	3	3.062	9.049	SRV	
	1	0.121	8.472	SRV	
	2	0.864	82.48	SRV	
	3	3.063	9.048	SRV	
	1	0.159	9.977	SRV	
	2	0.874	80.831	SRV	
	3	3.023	9.192	SRV	
SRV	1	0.11	8.044	SRV	
	2	0.86	82.82	SRV	
	3	3.049	9.136	SRV	
	1	0.117	8.298	SRV	
	2	0.863	82.609	SRV	
	3	3.054	9.093	SRV	
	1	0.122	8.496	SRV	
	2	0.864	82.454	SRV	
	3	3.062	9.05	SRV	
SRV	1	0.124	8.588	SRV	
	2	0.865	82.382	SRV	
	3	3.065	9.029	SRV	

	reference		2H	0.0477	SRV+Double	
	test		2H	0.0906	SRV+Double	
	reference		2H	0.0478	SRV+Double	
	reference		2H	0.0479	SRV+Double	
	reference		2H	0.048	SRV+Double	
	reference		2H	0.0462	SRV+Double	
	test		2H	0.0906	SRV+Double	
	test		2H	0.0905	SRV+Double	
	test		2H	0.0913	SRV+Double	
	reference		2H	0.0974	SRV+Double+Triple	
	reference		2H	0.0515	SRV+Double+Triple	
	reference		3H	0.1516	SRV+Double+Triple	
	reference		3H	0.1119	SRV+Double+Triple	
	test		2H	0.0908	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0515	SRV+Double+Triple	
	reference		3H	0.1119	SRV+Double+Triple	
	test		2H	0.0915	SRV+Double+Triple	
	test		2H	0.0909	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.1068	SRV+Double+Triple	
	reference		2H	0.0514	SRV+Double+Triple	
	reference		3H	0.1766	SRV+Double+Triple	
	reference		3H	0.112	SRV+Double+Triple	
	test		2H	0.0916	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0514	SRV+Double+Triple	
	reference		3H	0.112	SRV+Double+Triple	
	test		2H	0.0916	SRV+Double+Triple	
	test		2H	0.0908	SRV+Double+Triple	
	test		2H	0.0913	SRV+Double+Triple	
	test		2H	0.091	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.1066	SRV+Double+Triple	
	reference		2H	0.0514	SRV+Double+Triple	
	reference		3H	0.1833	SRV+Double+Triple	
	reference		3H	0.112	SRV+Double+Triple	
	test		2H	0.091	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0514	SRV+Double+Triple	
	reference		3H	0.112	SRV+Double+Triple	
	test		2H	0.0913	SRV+Double+Triple	
	test		2H	0.0911	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.1046	SRV+Double+Triple	
	reference		2H	0.0514	SRV+Double+Triple	
	reference		3H	0.1766	SRV+Double+Triple	
	reference		3H	0.112	SRV+Double+Triple	
	test		2H	0.0903	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	