

RELAX Combined Report

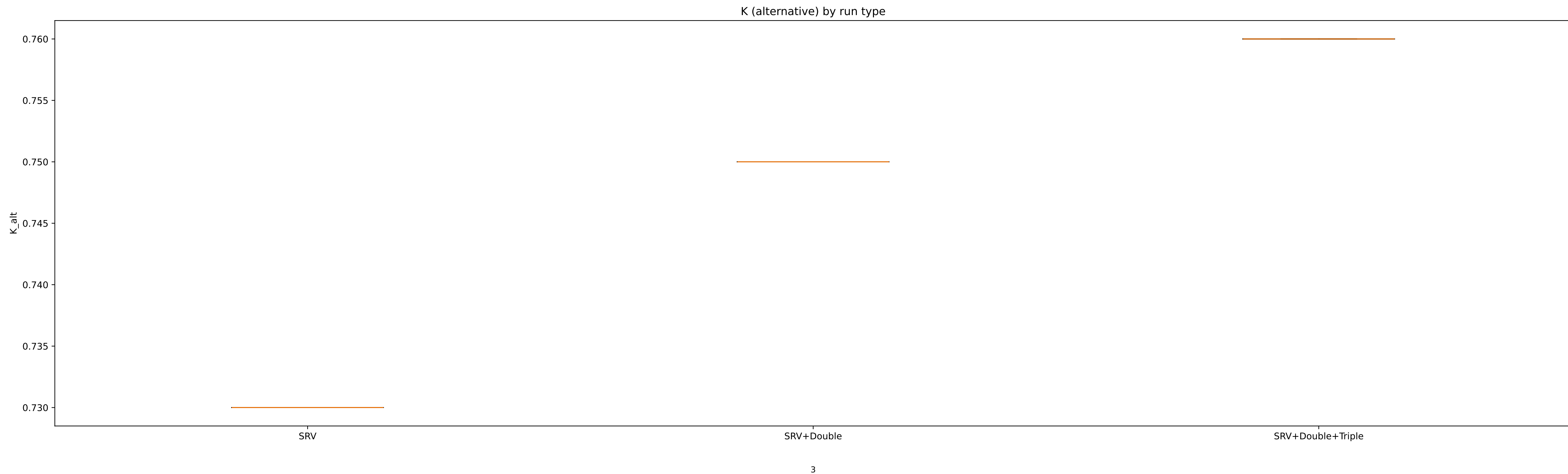
SRV vs SRV+Double vs SRV+Double+Triple

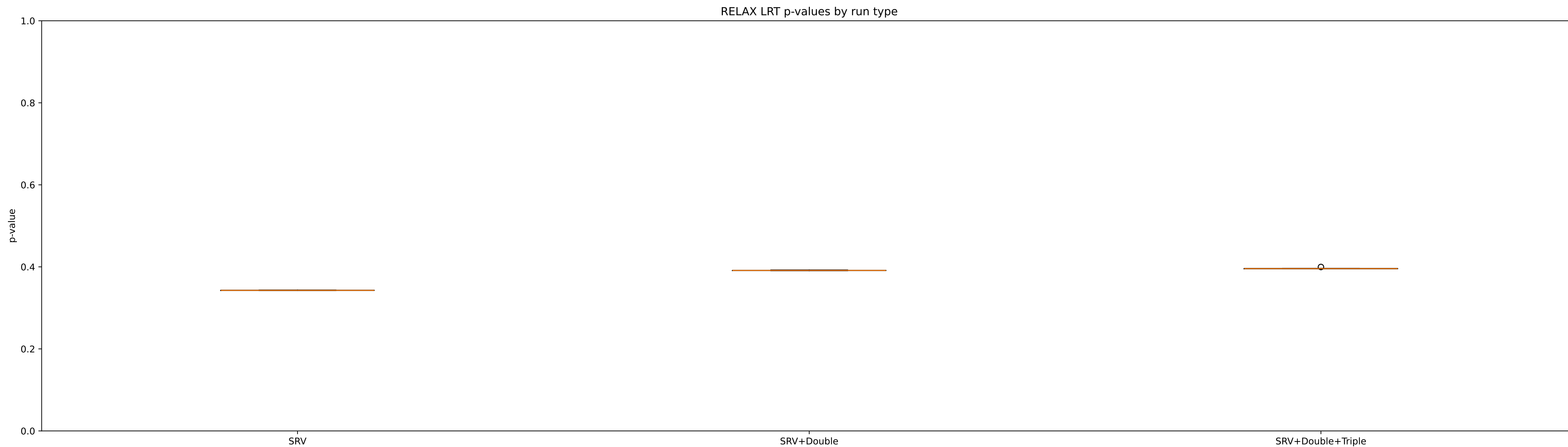
Includes:

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

Run-type summary statistics

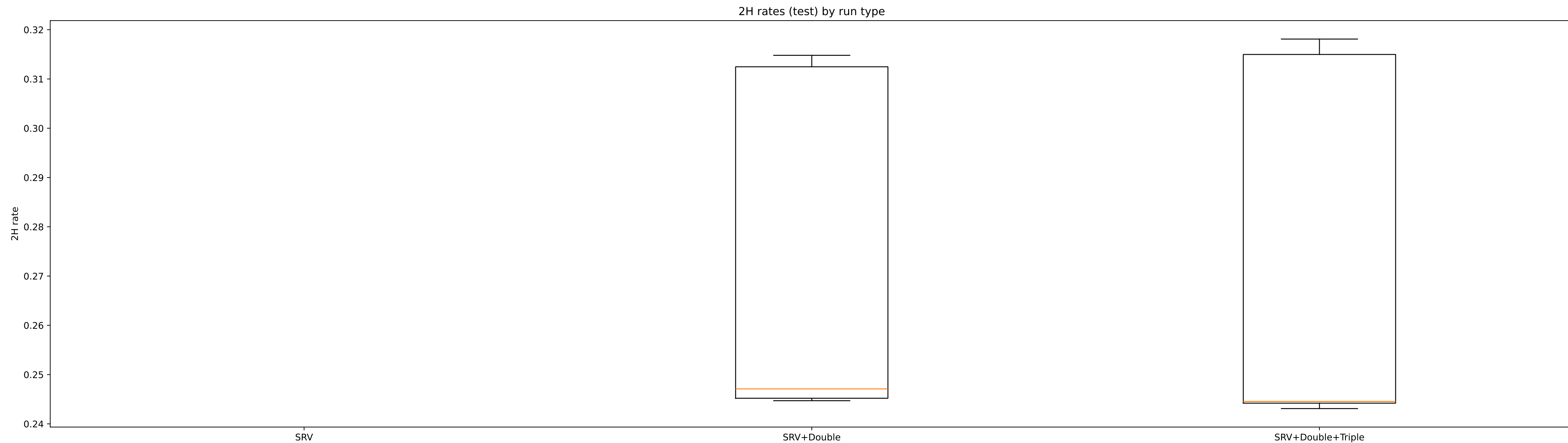
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.3426	0.3423	0.3435	0.73	0.73	0.73	0.2364	0.3056	10	nan	nan
0.3913	0.3906	0.3924	0.75	0.75	0.75	0.2364	0.3058	10	0.0418	0.2471
0.3958	0.3952	0.3997	0.76	0.76	0.76	0.2362	0.3057	10	0.0487	0.2446



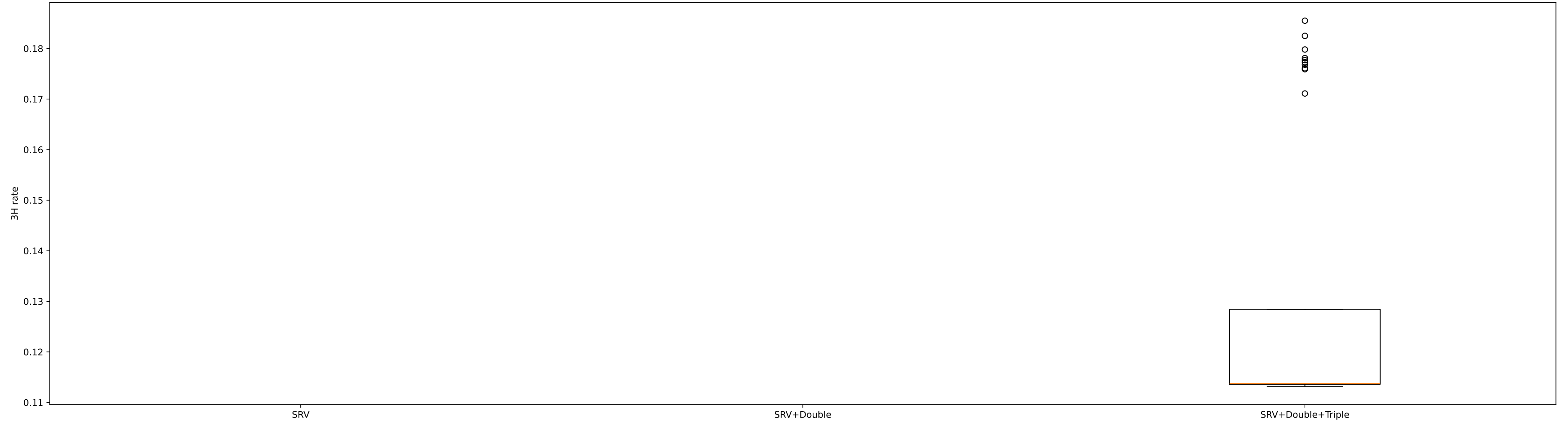


2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3432	0.73	0.2362	0.3058	
	2	0.3431	0.73	0.2364	0.3058	
	3	0.3423	0.73	0.2364	0.3058	
	4	0.3424	0.73	0.2366	0.3054	
	5	0.3435	0.73	0.2365	0.3056	
	6	0.3427	0.73	0.2366	0.3054	
	7	0.3423	0.73	0.2362	0.3049	
	8	0.3426	0.73	0.2362	0.3049	
	9	0.343	0.73	0.2365	0.3056	
	10	0.3426	0.73	0.2365	0.3056	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3913	0.75	0.2362	0.3058	
	2	0.3915	0.75	0.2362	0.3058	
	3	0.3907	0.75	0.2364	0.3058	
	4	0.3919	0.75	0.2362	0.3058	
	5	0.3913	0.75	0.2364	0.3058	
	6	0.3916	0.75	0.2363	0.3047	
	7	0.3908	0.75	0.2362	0.3058	
	8	0.3906	0.75	0.2366	0.3054	
	9	0.3911	0.75	0.2366	0.3054	
	10	0.3924	0.75	0.2365	0.3056	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3952	0.76	0.2362	0.3058	
	2	0.3959	0.76	0.2363	0.3047	
	3	0.3964	0.76	0.2362	0.3049	
	4	0.3953	0.76	0.2363	0.3047	
	5	0.3963	0.76	0.2366	0.3054	
	6	0.3997	0.76	0.2362	0.3058	
	7	0.3952	0.76	0.2362	0.3058	
	8	0.3956	0.76	0.2362	0.3058	
	9	0.3961	0.76	0.2364	0.3058	
	10	0.3952	0.76	0.2365	0.3056	

	test	Negative s election	0.279	35.057	SRV+Double	
	test	Negative s election	0.328	64.735	SRV+Double	
	test	Negative s election	0.183	35.057	SRV+Double	
	test	Negative s election	0.227	64.735	SRV+Double	
	reference	Diversifyi ng selecti on	0.22	0.22	SRV+Double	
	reference	Negative s election	0.186	36.529	SRV+Double	
	reference	Negative s election	0.227	63.252	SRV+Double	
	test	Diversifyi ng selecti on	6.005	0.22	SRV+Double	
	test	Negative s election	0.186	36.529	SRV+Double	
	test	Negative s election	0.227	63.252	SRV+Double	
	reference	Diversifyi ng selecti on	6.202	0.208	SRV+Double	
	reference	Negative s election	0.18	16.351	SRV+Double	
	reference	Negative s election	0.217	83.441	SRV+Double	
	test	Diversifyi ng selecti on	3.942	0.208	SRV+Double	
	test	Diversifyi ng selecti on	6.202	0.208	SRV+Double	
	test	Negative s election	0.275	16.351	SRV+Double	
	test	Negative s election	0.317	83.441	SRV+Double	
	test	Negative s election	0.18	16.351	SRV+Double	
	test	Negative s election	0.217	83.441	SRV+Double	
	reference	Diversifyi ng selecti on	5.967	0.223	SRV+Double	
	reference	Negative s election	0.189	18.844	SRV+Double	
	reference	Negative s election	0.217	80.932	SRV+Double	
	test	Diversifyi ng selecti on	5.967	0.223	SRV+Double	
	test	Negative s election	0.189	18.844	SRV+Double	
	test	Negative s election	0.217	80.932	SRV+Double	
	reference	Diversifyi ng selecti on	6.13	0.214	SRV+Double	
	reference	Negative s election	0.191	40.1	SRV+Double	
	reference	Negative s election	0.224	59.686	SRV+Double	
	test	Diversifyi ng selecti on	3.91	0.214	SRV+Double	
	test	Diversifyi ng selecti on	6.13	0.214	SRV+Double	
	test	Negative s election	0.288	40.1	SRV+Double	
	test	Negative s election	0.325	59.686	SRV+Double	
	test	Negative s election	0.191	40.1	SRV+Double	
	test	Negative s election	0.224	59.686	SRV+Double	
	reference	Diversifyi ng selecti on	5.969	0.224	SRV+Double	
	reference	Negative s election	0.195	42.709	SRV+Double	
	reference	Negative s election	0.225	57.067	SRV+Double	
	test	Diversifyi ng selecti on	5.969	0.224	SRV+Double	
	test	Negative s election	0.195	42.709	SRV+Double	
	test	Negative s election	0.225	57.067	SRV+Double	
	reference	Diversifyi ng selecti on	6.225	0.205	SRV+Double	
	reference	Negative s election	0.183	12.216	SRV+Double	
	reference	Negative s election	0.215	87.578	SRV+Double	
	test	Diversifyi ng selecti on	3.968	0.205	SRV+Double	
	test	Diversifyi ng selecti on	6.225	0.205	SRV+Double	
	test	Negative s election	0.278	12.216	SRV+Double	
	test	Negative s election	0.314	87.578	SRV+Double	
	test	Negative s election	0.183	12.216	SRV+Double	
	test	Negative s election	0.215	87.578	SRV+Double	
	reference	Diversifyi ng selecti on	5.989	0.223	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.115	8.221	SRV	
	2	0.862	82.681	SRV	
	3	3.058	9.097	SRV	
	1	0.115	8.23	SRV	
	2	0.862	82.672	SRV	
	3	3.058	9.098	SRV	
	1	0.119	8.366	SRV	
	2	0.863	82.563	SRV	
	3	3.063	9.071	SRV	
	1	0.117	8.317	SRV	
	2	0.862	82.583	SRV	
	3	3.055	9.1	SRV	
	1	0.117	8.327	SRV	
	2	0.863	82.603	SRV	
	3	3.061	9.07	SRV	
	1	0.113	8.147	SRV	
	2	0.861	82.715	SRV	
	3	3.052	9.138	SRV	
	1	0.116	8.264	SRV	
	2	0.862	82.636	SRV	
	3	3.058	9.1	SRV	
	1	0.119	8.369	SRV	
	2	0.863	82.56	SRV	
	3	3.061	9.071	SRV	
	1	0.117	8.308	SRV	
	2	0.863	82.612	SRV	
	3	3.058	9.08	SRV	
	1	0.116	8.274	SRV	
	2	0.862	82.638	SRV	
	3	3.06	9.087	SRV	

	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0479	SRV+Double+Triple	
	reference	2H	0.0487	SRV+Double+Triple	
	reference	3H	0.1139	SRV+Double+Triple	
	reference	3H	0.1136	SRV+Double+Triple	
	test	2H	0.3166	SRV+Double+Triple	
	test	2H	0.2451	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1048	SRV+Double+Triple	
	reference	2H	0.0487	SRV+Double+Triple	
	reference	3H	0.1773	SRV+Double+Triple	
	reference	3H	0.1135	SRV+Double+Triple	
	test	2H	0.2444	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0478	SRV+Double+Triple	
	reference	2H	0.0488	SRV+Double+Triple	
	reference	3H	0.1139	SRV+Double+Triple	
	reference	3H	0.1136	SRV+Double+Triple	
	test	2H	0.3158	SRV+Double+Triple	
	test	2H	0.2448	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1037	SRV+Double+Triple	
	reference	2H	0.0485	SRV+Double+Triple	
	reference	3H	0.1711	SRV+Double+Triple	
	reference	3H	0.1134	SRV+Double+Triple	
	test	2H	0.2448	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0479	SRV+Double+Triple	
	reference	2H	0.0487	SRV+Double+Triple	
	reference	3H	0.1138	SRV+Double+Triple	
	reference	3H	0.1135	SRV+Double+Triple	
	test	2H	0.3149	SRV+Double+Triple	
	test	2H	0.2443	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1047	SRV+Double+Triple	
	reference	2H	0.0487	SRV+Double+Triple	
	reference	3H	0.1781	SRV+Double+Triple	
	reference	3H	0.1137	SRV+Double+Triple	
	test	2H	0.2442	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0479	SRV+Double+Triple	
	reference	2H	0.0487	SRV+Double+Triple	
	reference	3H	0.1139	SRV+Double+Triple	
	reference	3H	0.1137	SRV+Double+Triple	
	test	2H	0.315	SRV+Double+Triple	
	test	2H	0.2444	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1064	SRV+Double+Triple	
	reference	2H	0.0486	SRV+Double+Triple	
	reference	3H	0.1759	SRV+Double+Triple	