

## 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
0.8374	0.8371	1.0	1.19	1.13	1.19	0.2718	0.2086	10	nan	nan
0.8376	0.8372	0.839	1.19	1.19	1.19	0.2718	0.2086	10	0.0	0.0
0.8383	0.8372	0.8421	1.19	1.18	1.19	0.2718	0.2086	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



2H rates (reference) by run type



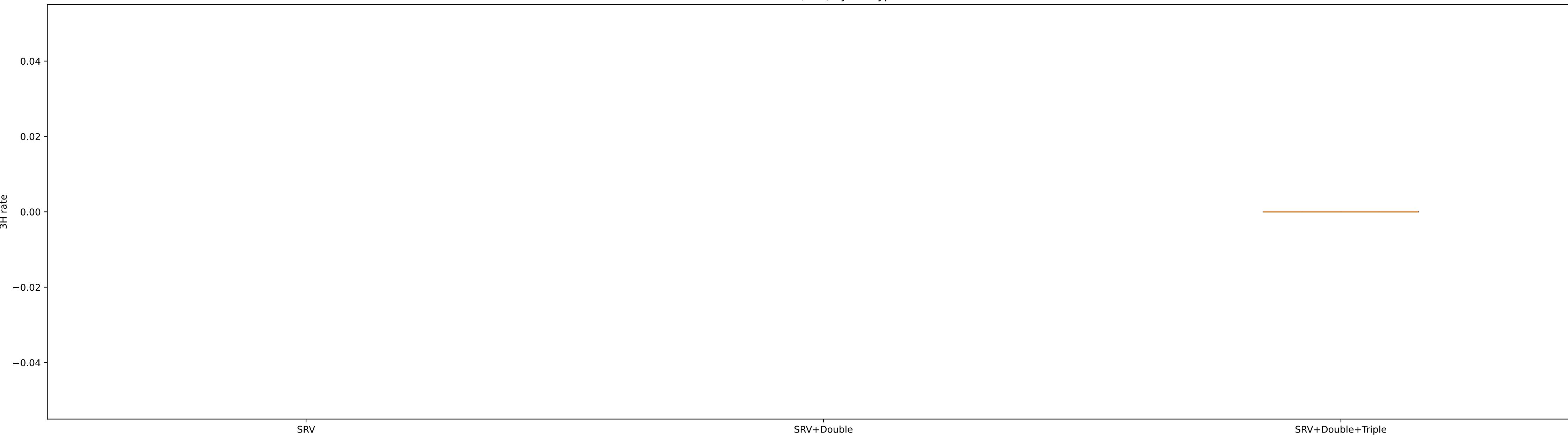
2H rates (test) by run type



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	1.0	1.13	0.2718	0.2086
	2	0.8377	1.19	0.2718	0.2086
	3	0.8375	1.19	0.2718	0.2086
	4	0.8373	1.19	0.2718	0.2086
	5	0.8372	1.19	0.2718	0.2086
	6	0.8373	1.19	0.2718	0.2086
	7	0.8377	1.19	0.2718	0.2086
	8	0.8374	1.19	0.2718	0.2086
	9	0.8371	1.19	0.2718	0.2086
	10	0.8388	1.19	0.2718	0.2086

## 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	0.8381	1.19	0.2715	0.2086
	2	0.8375	1.19	0.2718	0.2086
	3	0.8374	1.19	0.2718	0.2086
	4	0.8377	1.19	0.2718	0.2086
	5	0.838	1.19	0.2718	0.2086
	6	0.839	1.19	0.2718	0.2086
	7	0.838	1.19	0.2718	0.2086
	8	0.8372	1.19	0.2718	0.2086
	9	0.8376	1.19	0.2718	0.2086
	10	0.8373	1.19	0.272	0.2089

## 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	0.8372	1.19	0.2718	0.2086
	2	0.8375	1.19	0.2718	0.2086
	3	0.8386	1.19	0.2718	0.2086
	4	0.8421	1.18	0.2718	0.2086
	5	0.8407	1.19	0.2718	0.2086
	6	0.838	1.19	0.2718	0.2086
	7	0.8393	1.19	0.2718	0.2086
	8	0.8377	1.19	0.2718	0.2086
	9	0.8377	1.19	0.2715	0.2086
	10	0.8404	1.19	0.2718	0.2086

	test	Negative s election	0.0	0.0	SRV+Double
	test	Negative s election	0.208	100.0	SRV+Double
	test	Negative s election	0.001	0.0	SRV+Double
	test	Negative s election	0.268	100.0	SRV+Double
	reference	Diversifying selecti on	<b>Ω-class distributions (all) (cols 1-7/7)</b>		
	reference	Negative s election	0.003	0.0	SRV+Double
	reference	Negative s election	0.266	100.0	SRV+Double
	test	Negative s election	2.075	0.0	SRV+Double
	test	Negative s election	0.003	0.0	SRV+Double
	test	Negative s election	0.266	100.0	SRV+Double
	reference	Diversifying selecti on	7.076	0.0	SRV+Double
	reference	Negative s election	0.004	0.0	SRV+Double
	reference	Negative s election	0.268	100.0	SRV+Double
	test	Diversifying selecti on	10.257	0.0	SRV+Double
	test	Diversifying selecti on	7.076	0.0	SRV+Double
	test	Negative s election	0.001	0.0	SRV+Double
	test	Negative s election	0.209	100.0	SRV+Double
	test	Negative s election	0.004	0.0	SRV+Double
	test	Negative s election	0.268	100.0	SRV+Double
	reference	Diversifying selecti on	1.916	0.0	SRV+Double
	reference	Negative s election	0.002	0.0	SRV+Double
	reference	Negative s election	0.266	100.0	SRV+Double
	test	Diversifying selecti on	1.916	0.0	SRV+Double
	test	Negative s election	0.002	0.0	SRV+Double
	test	Negative s election	0.266	100.0	SRV+Double
	reference	Diversifying selecti on	6.741	0.0	SRV+Double
	reference	Negative s election	0.226	0.519	SRV+Double
	reference	Negative s election	0.269	99.481	SRV+Double
	test	Diversifying selecti on	9.764	0.0	SRV+Double
	test	Diversifying selecti on	6.741	0.0	SRV+Double
	test	Negative s election	0.169	0.519	SRV+Double
	test	Negative s election	0.208	99.481	SRV+Double
	test	Negative s election	0.226	0.519	SRV+Double
	test	Negative s election	0.269	99.481	SRV+Double
	reference	Diversifying selecti on	1.849	0.0	SRV+Double
	reference	Negative s election	0.245	3.499	SRV+Double
	reference	Negative s election	0.267	96.501	SRV+Double
	test	Diversifying selecti on	1.849	0.0	SRV+Double
	test	Negative s election	0.245	3.499	SRV+Double
	test	Negative s election	0.267	96.501	SRV+Double
	reference	Diversifying selecti on	4.976	0.0	SRV+Double
	reference	Negative s election	0.002	0.0	SRV+Double
	reference	Negative s election	0.268	100.0	SRV+Double
	test	Diversifying selecti on	6.782	0.0	SRV+Double
	test	Diversifying selecti on	4.976	0.0	SRV+Double
	test	Negative s election	0.001	0.0	SRV+Double
	test	Negative s election	0.208	100.0	SRV+Double
	test	Negative s election	0.002	0.0	SRV+Double
	test	Negative s election	12	100.0	SRV+Double
	reference	Diversifying selecti on	0.268	100.0	SRV+Double
	reference	Negative s election	1.508	0.0	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>	
	1	0.0	54.35	SRV	
	2	0.0	0.759	SRV	
	3	2.228	44.891	SRV	
SRV	1	0.0	55.123	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.877	SRV	
	1	0.0	1.713	SRV	
	2	0.0	53.409	SRV	
	3	2.228	44.879	SRV	
	1	0.0	7.583	SRV	
	2	0.0	47.536	SRV	
	3	2.228	44.881	SRV	
	1	0.0	24.472	SRV	
	2	0.0	30.631	SRV	
	3	2.227	44.897	SRV	
SRV	1	0.0	55.112	SRV	
	2	0.004	0.0	SRV	
	3	2.228	44.888	SRV	
	1	0.0	55.121	SRV	
	2	0.001	0.0	SRV	
	3	2.228	44.879	SRV	
	1	0.0	27.007	SRV	
	2	0.0	28.113	SRV	
	3	2.228	44.88	SRV	
	1	0.0	26.625	SRV	
	2	0.0	28.494	SRV	
	3	2.228	44.881	SRV	
	1	0.0	55.119	SRV	
	2	2.228	44.263	SRV	
	3	2.228	0.619	SRV	

