

## 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>
0.7225	0.7218	0.7693	0.9	0.88	0.9	0.2247	0.2397	9	nan	nan
0.763	0.7489	0.7937	0.91	0.9	0.91	0.2247	0.2397	10	0.0	0.114
0.7625	0.7548	1.0	0.91	0.76	0.91	0.2247	0.2397	10	0.0	0.114

K (alternative) by run type



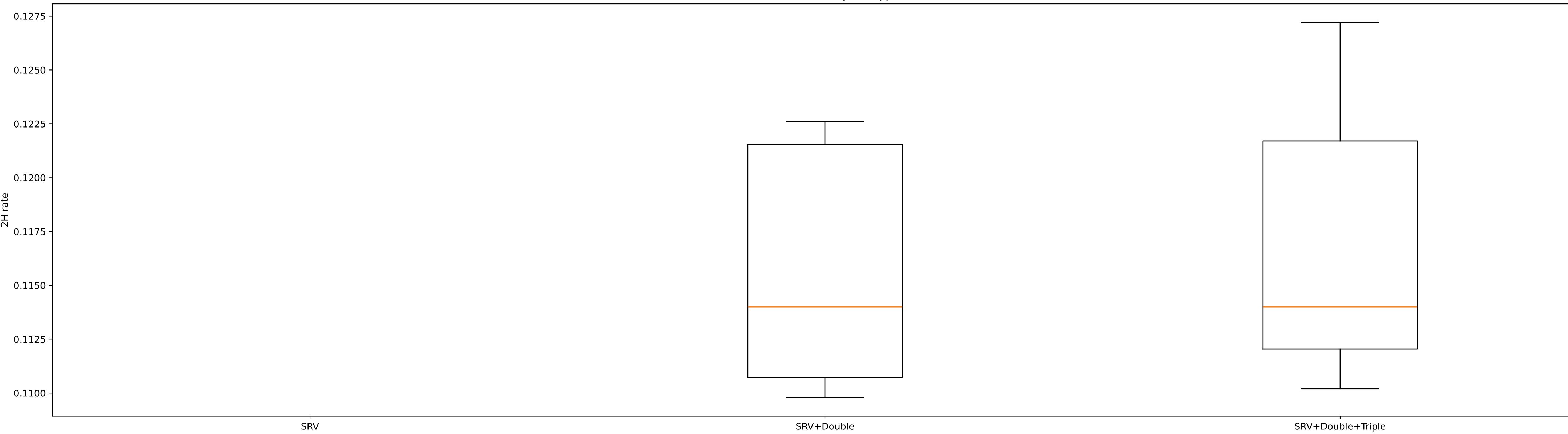
RELAX LRT p-values by run type



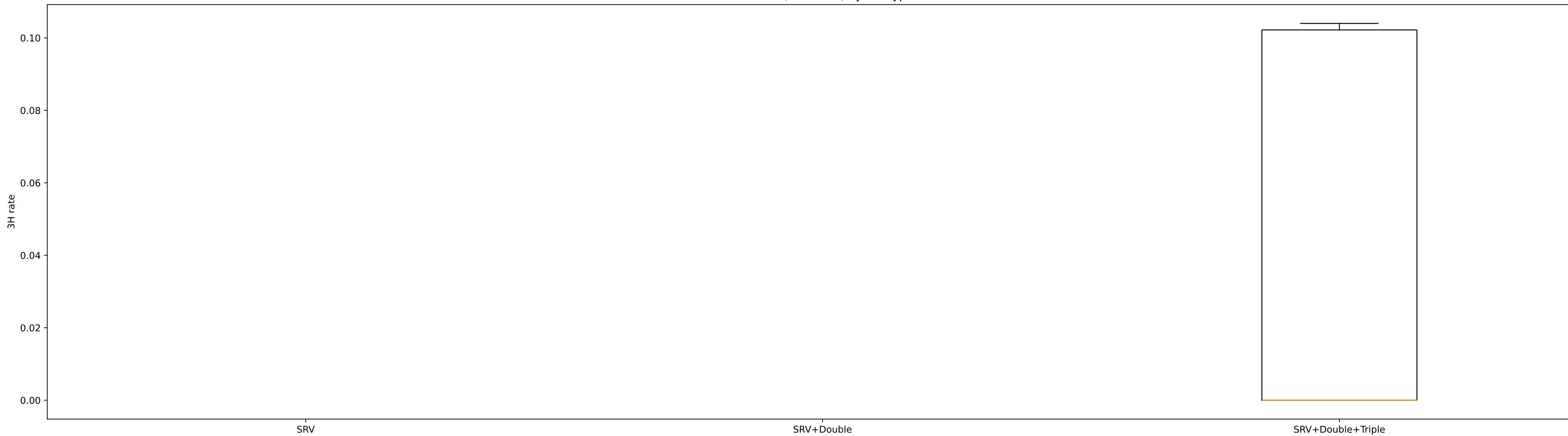
2H rates (reference) by run type



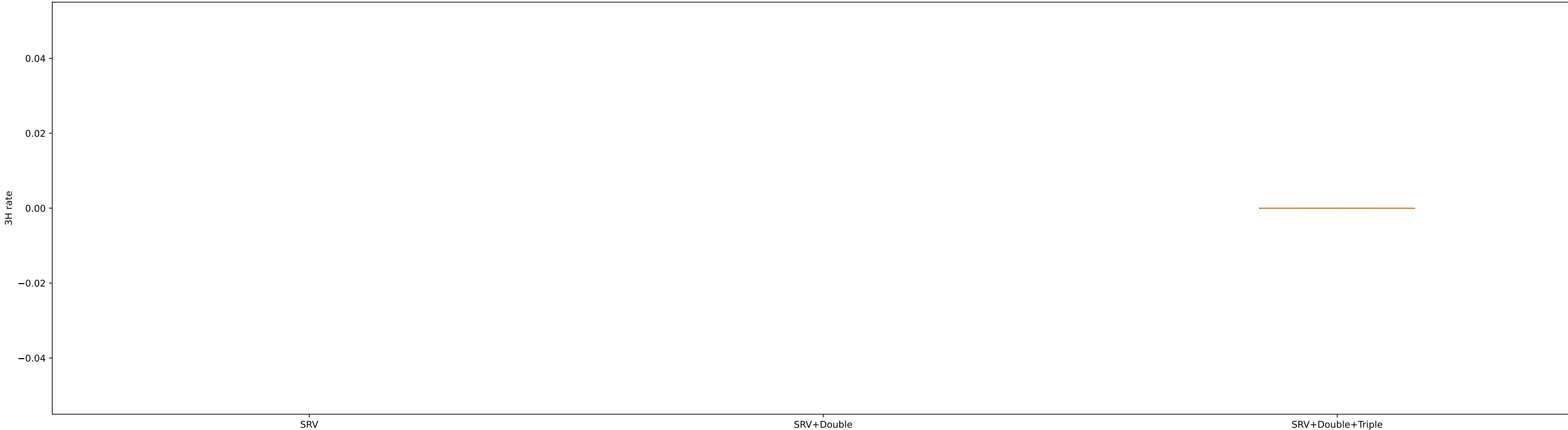
2H rates (test) by run type



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	0.7225	0.9	0.2247	0.2397
	2	nan	nan	0.2247	0.2397
	3	0.7225	0.9	0.2247	0.2397
	4	0.7218	0.9	0.2247	0.2397
	5	0.7247	0.9	0.2247	0.2397
	6	0.7227	0.89	0.2247	0.2397
	7	0.7693	0.88	0.2247	0.2397
	8	0.7222	0.9	0.2247	0.2397
	9	0.7222	0.9	0.2247	0.2397
	10	0.7234	0.9	0.2247	0.2397

## 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	0.7623	0.91	0.2247	0.2397
	2	0.7628	0.91	0.2247	0.2397
	3	0.7626	0.91	0.2247	0.2397
	4	0.7937	0.9	0.2247	0.2397
	5	0.7489	0.9	0.2247	0.2397
	6	0.7641	0.91	0.2247	0.2397
	7	0.7633	0.91	0.2247	0.2397
	8	0.7631	0.91	0.2247	0.2397
	9	0.7625	0.91	0.2247	0.2397
	10	0.7634	0.91	0.2247	0.2397

## 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	1.0	0.76	0.2247	0.2397
	2	0.7624	0.91	0.2247	0.2397
	3	0.7548	0.9	0.2247	0.2397
	4	0.7625	0.91	0.2247	0.2397
	5	0.7624	0.91	0.2247	0.2397
	6	0.7904	0.86	0.2247	0.2397
	7	0.763	0.91	0.2247	0.2397
	8	0.7624	0.91	0.2247	0.2397
	9	0.7625	0.91	0.2247	0.2397
	10	0.7634	0.91	0.2247	0.2397

test		Negative s election		0.172		1.438		SRV+Double
test		Negative s election	Diversifying selecting on	0.205		98.321		SRV+Double
reference		Negative s election	Diversifying selecting on	12.505		0.24		SRV+Double
reference		Negative s election	Diversifying selecting on	0.239 <sup>.203</sup>	Ω-class distributions (all) (cols 1-7/7)	98.755		SRV+Double
reference		Negative s election	Diversifying selecting on	0.239		1.005		SRV+Double
test		Negative s election	Diversifying selecting on	9.797		0.24		SRV+Double
test		Negative s election	Diversifying selecting on	12.505		0.24		SRV+Double
test		Negative s election		0.0		1.005		SRV+Double
test		Negative s election		0.237		98.755		SRV+Double
test		Negative s election		0.203		98.755		SRV+Double
test		Negative s election	Diversifying selecting on	0.239		1.005		SRV+Double
reference		Negative s election	Diversifying selecting on	12.199		0.245		SRV+Double
reference		Negative s election		0.129		0.986		SRV+Double
reference		Negative s election	Diversifying selecting on	0.206		98.769		SRV+Double
test		Negative s election	Diversifying selecting on	12.199		0.245		SRV+Double
test		Negative s election		0.129		0.986		SRV+Double
test		Negative s election	Diversifying selecting on	0.206		98.769		SRV+Double
reference		Negative s election	Diversifying selecting on	12.541		0.24		SRV+Double
reference		Negative s election		0.204		98.87		SRV+Double
reference		Negative s election	Diversifying selecting on	0.212		0.89		SRV+Double
test		Negative s election	Diversifying selecting on	9.997		0.24		SRV+Double
test		Negative s election	Diversifying selecting on	12.541		0.24		SRV+Double
test		Negative s election		0.235		98.87		SRV+Double
test		Negative s election		0.244		0.89		SRV+Double
test		Negative s election		0.204		98.87		SRV+Double
test		Negative s election	Diversifying selecting on	0.212		0.89		SRV+Double
reference		Negative s election	Diversifying selecting on	12.17		0.245		SRV+Double
reference		Negative s election		0.204		0.922		SRV+Double
reference		Negative s election	Diversifying selecting on	0.206		98.832		SRV+Double
test		Negative s election	Diversifying selecting on	12.17		0.245		SRV+Double
test		Negative s election		0.204		0.922		SRV+Double
test		Negative s election	Diversifying selecting on	0.206		98.832		SRV+Double
reference		Negative s election	Diversifying selecting on	12.338		0.244		SRV+Double
reference		Negative s election		0.204		98.97		SRV+Double
reference		Negative s election	Diversifying selecting on	0.21		0.787		SRV+Double
test		Negative s election	Diversifying selecting on	9.857		0.244		SRV+Double
test		Negative s election	Diversifying selecting on	12.338		0.244		SRV+Double
test		Negative s election		0.235		98.97		SRV+Double
test		Negative s election		0.241		0.787		SRV+Double
test		Negative s election		0.204		98.97		SRV+Double
test		Negative s election	Diversifying selecting on	0.21		0.787		SRV+Double
reference		Negative s election	Diversifying selecting on	12.125		0.247		SRV+Double
reference		Negative s election		0.205		98.956		SRV+Double
reference		Negative s election	Diversifying selecting on	0.211		0.797		SRV+Double
test		Negative s election	Diversifying selecting on	12.125		0.247		SRV+Double
test		Negative s election		0.205		98.956		SRV+Double
test		Negative s election	Diversifying selecting on	0.211		0.797		SRV+Double
reference		Negative s election	Diversifying selecting on	12.193		0.237		SRV+Double
reference		Negative s election		0.204		98.434		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	0.888	88.904	SRV	
	2	0.889	9.31	SRV	
	3	7.149	1.785	SRV	
	1	0.887	73.51	SRV	
	2	0.891	24.707	SRV	
	3	7.155	1.784	SRV	
	1	0.888	98.215	SRV	
	2	1.183	0.0	SRV	
	3	7.148	1.785	SRV	
	1	0.888	90.434	SRV	
	2	0.89	7.778	SRV	
	3	7.145	1.788	SRV	
	1	0.888	98.216	SRV	
	2	1.08	0.0	SRV	
	3	7.153	1.784	SRV	
	1	0.887	12.863	SRV	
	2	0.888	85.344	SRV	
	3	7.141	1.794	SRV	
	1	0.247	0.0	SRV	
	2	0.888	98.221	SRV	
	3	7.162	1.779	SRV	
	1	0.888	85.752	SRV	
	2	0.889	12.461	SRV	
	3	7.141	1.787	SRV	
	1	0.888	85.913	SRV	
	2	0.891	12.3	SRV	
	3	7.153	1.787	SRV	

	reference		3H	0.1033	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.127	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	0.1272	SRV+Double+Triple	
	test		2H	0.1136	SRV+Double+Triple	
	test		2H	0.1135	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.1028	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.1106	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	0.1218	SRV+Double+Triple	
	test		2H	0.1142	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.1022	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.1142	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	0.1271	SRV+Double+Triple	
	test		2H	0.1131	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.104	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.1107	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	0.1218	SRV+Double+Triple	
	test		2H	0.1137	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.1022	SRV+Double+Triple	
	reference		3H	0.0	SRV+Double+Triple	
	test		2H	0.1105	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	0.1218	SRV+Double+Triple	
	test		2H	0.114	SRV+Double+Triple	