

## RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

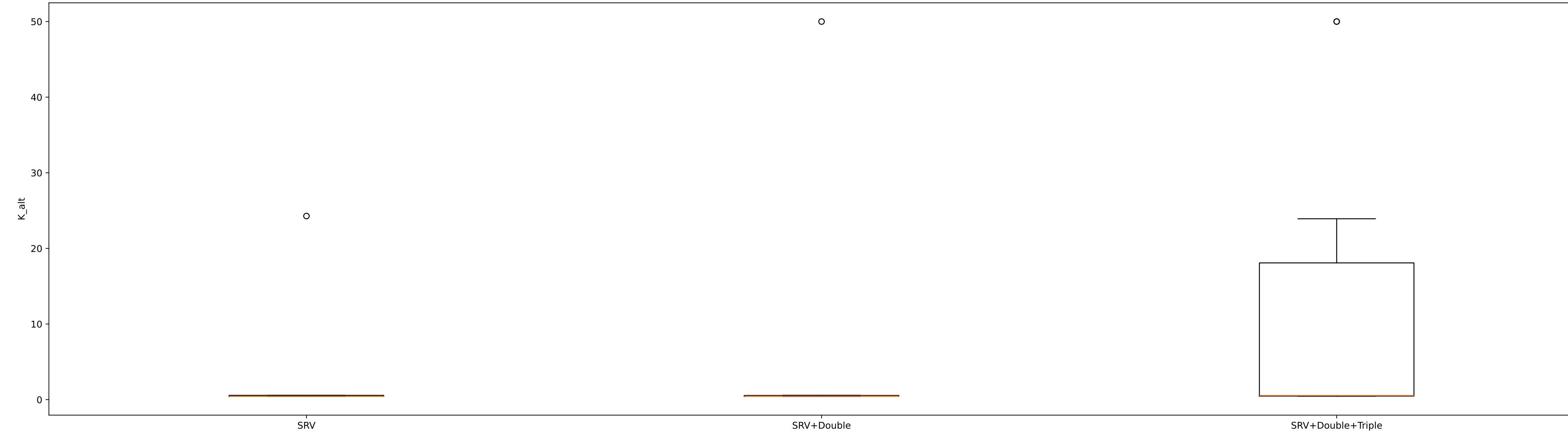
Includes:

- 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>
0.5383	0.5365	0.5606	0.45	0.43	24.28	0.2335	0.3866	10	nan	nan
0.5398	0.5364	1.0	0.46	0.43	50.0	0.2335	0.3866	10	0.0	0.0
0.5343	0.5335	1.0	0.55	0.45	50.0	0.2335	0.3866	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



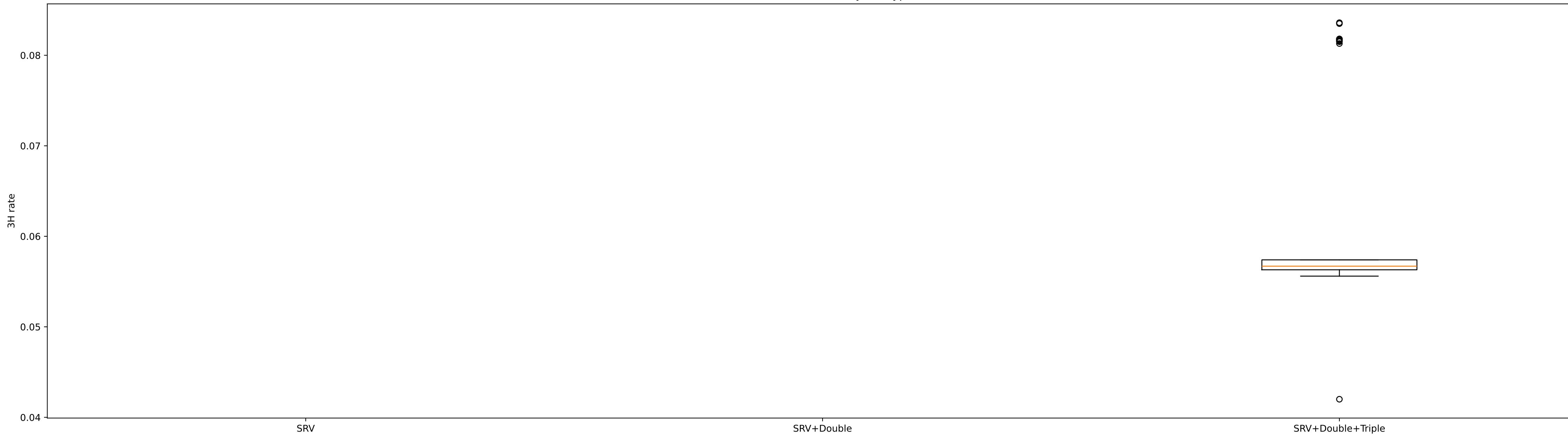
2H rates (reference) by run type



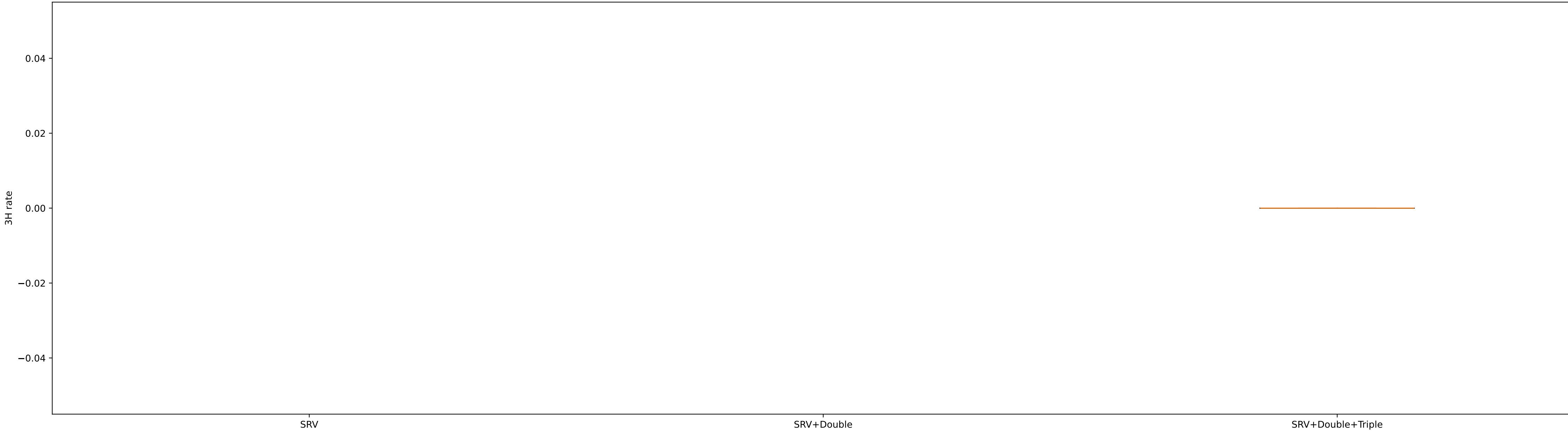
2H rates (test) by run type



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	0.5389	0.45	0.2335	0.3866
	2	0.5367	0.57	0.2335	0.3866
	3	0.5403	0.45	0.2335	0.3866
	4	0.5367	0.44	0.2335	0.3866
	5	0.5428	24.28	0.2335	0.3866
	6	0.5366	0.43	0.2335	0.3866
	7	0.5606	0.58	0.2335	0.3866
	8	0.5377	0.45	0.2337	0.3871
	9	0.5413	0.57	0.2335	0.3866
	10	0.5365	0.44	0.2335	0.3866

## 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	0.5371	0.43	0.2335	0.3866
	2	0.5367	0.45	0.2335	0.3866
	3	0.5385	0.58	0.2335	0.3866
	4	0.5364	0.44	0.2335	0.3866
	5	0.5374	0.45	0.2335	0.3866
	6	0.5458	0.51	0.2335	0.3866
	7	0.5416	0.46	0.2335	0.3866
	8	1.0	50.0	0.2335	0.3866
	9	0.5411	0.46	0.2335	0.3866
	10	0.5665	0.57	0.2335	0.3866

## 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	0.5341	0.58	0.2335	0.3866
	2	0.5337	0.45	0.2335	0.3866
	3	0.5335	50.0	0.2335	0.3866
	4	0.5345	23.92	0.2335	0.3866
	5	1.0	50.0	0.2335	0.3866
	6	0.5337	0.57	0.2335	0.3866
	7	0.5346	0.46	0.2335	0.3866
	8	0.5372	0.48	0.2335	0.3866
	9	0.5337	0.47	0.2335	0.3866
	10	0.5346	0.53	0.2335	0.3866

	test	Negative s election	0.016	43.593	SRV+Double
	test	Negative s election	0.674	56.407	SRV+Double
	test	Negative s election	0.0	43.593	SRV+Double
	test	Negative s election	0.41	56.407	SRV+Double
	reference	Diversifying selecting on	<b>Ω-class distributions (all) (cols 1-7/7)</b>		
	reference	Negative s election	0.0	43.635	SRV+Double
	reference	Negative s election	0.412	56.365	SRV+Double
	test	Negative s election	1.159	0.0	SRV+Double
	test	Negative s election	0.0	43.635	SRV+Double
	test	Negative s election	0.412	56.365	SRV+Double
	reference	Diversifying selecting on	1.002	0.0	SRV+Double
	reference	Negative s election	0.0	41.189	SRV+Double
	reference	Negative s election	0.392	58.811	SRV+Double
	test	Diversifying selecting on	1.001	0.0	SRV+Double
	test	Diversifying selecting on	1.002	0.0	SRV+Double
	test	Negative s election	0.0	41.189	SRV+Double
	test	Negative s election	0.656	58.811	SRV+Double
	test	Negative s election	0.0	41.189	SRV+Double
	test	Negative s election	0.392	58.811	SRV+Double
	reference	Diversifying selecting on	1.157	0.0	SRV+Double
	reference	Negative s election	0.0	41.618	SRV+Double
	reference	Negative s election	0.397	58.382	SRV+Double
	test	Negative s election	1.157	0.0	SRV+Double
	test	Negative s election	0.0	41.618	SRV+Double
	test	Negative s election	0.397	58.382	SRV+Double
	reference	Diversifying selecting on	1.002	0.0	SRV+Double
	reference	Negative s election	0.009	47.605	SRV+Double
	reference	Negative s election	0.435	52.395	SRV+Double
	test	Diversifying selecting on	1.001	0.0	SRV+Double
	test	Diversifying selecting on	1.002	0.0	SRV+Double
	test	Negative s election	0.091	47.605	SRV+Double
	test	Negative s election	0.655	52.395	SRV+Double
	test	Negative s election	0.009	47.605	SRV+Double
	test	Negative s election	0.435	52.395	SRV+Double
	reference	Diversifying selecting on	1.141	0.0	SRV+Double
	reference	Negative s election	0.0	45.589	SRV+Double
	reference	Negative s election	0.429	54.411	SRV+Double
	test	Diversifying selecting on	1.141	0.0	SRV+Double
	test	Negative s election	0.0	45.589	SRV+Double
	test	Negative s election	0.429	54.411	SRV+Double
	reference	Diversifying selecting on	1.002	0.0	SRV+Double
	reference	Negative s election	0.0	40.595	SRV+Double
	reference	Negative s election	0.388	59.405	SRV+Double
	test	Diversifying selecting on	1.001	0.0	SRV+Double
	test	Diversifying selecting on	1.002	0.0	SRV+Double
	test	Negative s election	0.0	40.595	SRV+Double
	test	Negative s election	0.65	59.405	SRV+Double
	test	Negative s election	0.0	40.595	SRV+Double
	test	Negative s election	0.12	59.405	SRV+Double
	test	Negative s election	0.388	59.405	SRV+Double
	reference	Diversifying selecting on	1.141	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>	
SRV	1	0.0	10.127	SRV	
	2	0.944	78.934	SRV	
	3	2.331	10.939	SRV	
	1	0.0	10.1	SRV	
	2	0.941	78.422	SRV	
	3	2.284	11.478	SRV	
	1	0.0	10.137	SRV	
	2	0.945	79.016	SRV	
	3	2.337	10.847	SRV	
SRV	1	0.0	10.126	SRV	
	2	0.943	78.815	SRV	
	3	2.319	11.06	SRV	
	1	0.0	10.113	SRV	
	2	0.942	78.641	SRV	
	3	2.302	11.246	SRV	
	1	0.0	10.113	SRV	
	2	0.943	78.761	SRV	
	3	2.315	11.126	SRV	
SRV	1	0.0	10.133	SRV	
	2	0.943	78.694	SRV	
	3	2.305	11.173	SRV	
	1	0.0	10.148	SRV	
	2	0.945	79.032	SRV	
	3	2.339	10.819	SRV	
	1	0.0	10.128	SRV	
	2	0.944	78.708	SRV	
	3	2.305	11.164	SRV	
SRV	1	0.0	10.116	SRV	
	2	0.943	78.802	SRV	
	3	2.318	11.083	SRV	

	reference		3H	0.056	SRV+Double+Triple	
	reference		3H	0.0564	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0818	SRV+Double+Triple	
	reference		3H	0.0566	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0563	SRV+Double+Triple	
	reference		3H	0.0566	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0836	SRV+Double+Triple	
	reference		3H	0.0567	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0564	SRV+Double+Triple	
	reference		3H	0.0567	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0816	SRV+Double+Triple	
	reference		3H	0.0563	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0564	SRV+Double+Triple	
	reference		3H	0.0567	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0561	SRV+Double+Triple	
	reference		3H	0.0564	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0835	SRV+Double+Triple	
	reference		3H	0.042	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.057	SRV+Double+Triple	
	reference		3H	0.0571	SRV+Double+Triple	
	reference		3H	0.0567	SRV+Double+Triple	
	reference		3H	0.0568	SRV+Double+Triple	
	test		2H	0.0	SRV+Double+Triple	
	test		3H	0.0	SRV+Double+Triple	
	reference		2H	0.0	SRV+Double+Triple	
	reference		3H	0.0818	SRV+Double+Triple	
	reference		3H	0.0563	SRV+Double+Triple	