

## RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

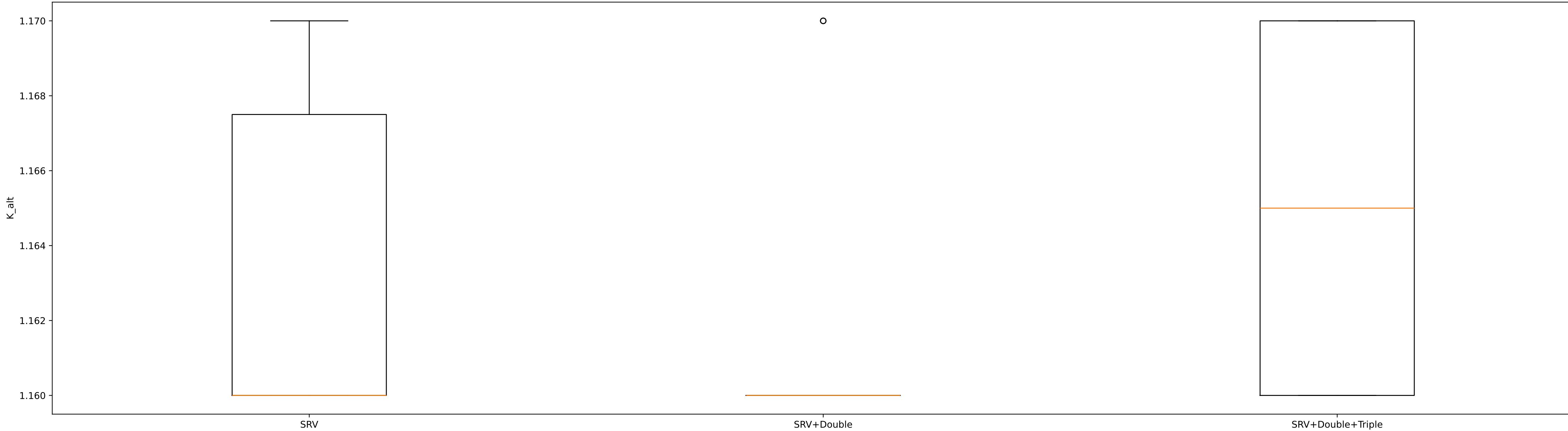
Includes:

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

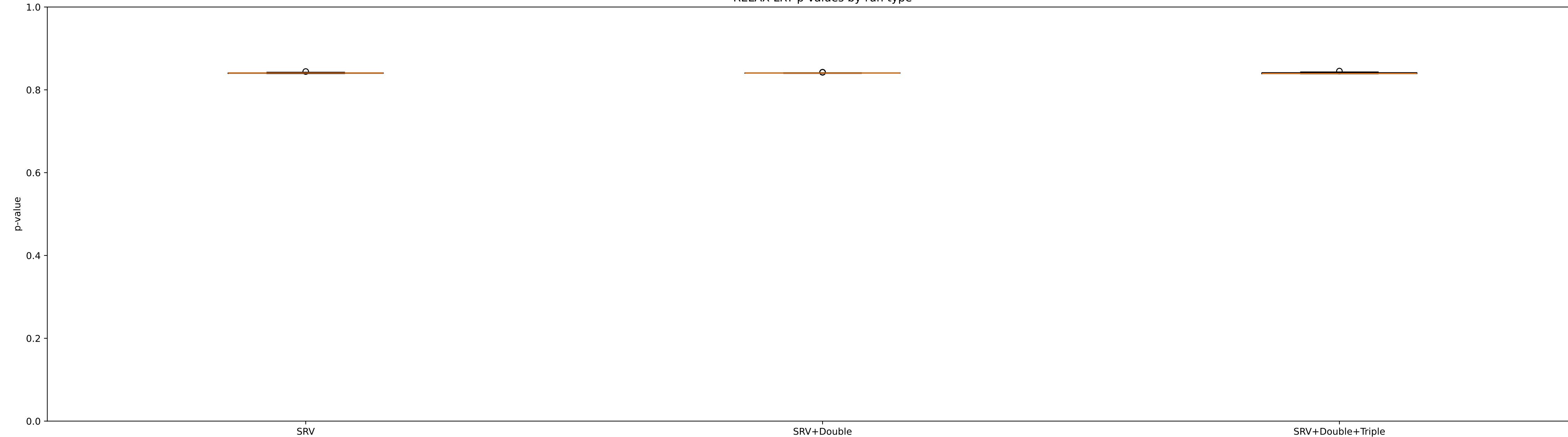
## Run-type summary statistics

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
0.8406	0.8393	0.8442	1.16	1.16	1.17	0.287	0.2342	10	nan	nan
0.8405	0.8398	0.8426	1.16	1.16	1.17	0.287	0.2342	10	0.0	0.0
0.8394	0.8389	0.8453	1.165	1.16	1.17	0.287	0.2342	10	0.0	0.0

K (alternative) by run type



### RELAX LRT p-values by run type



2H rates (reference) by run type



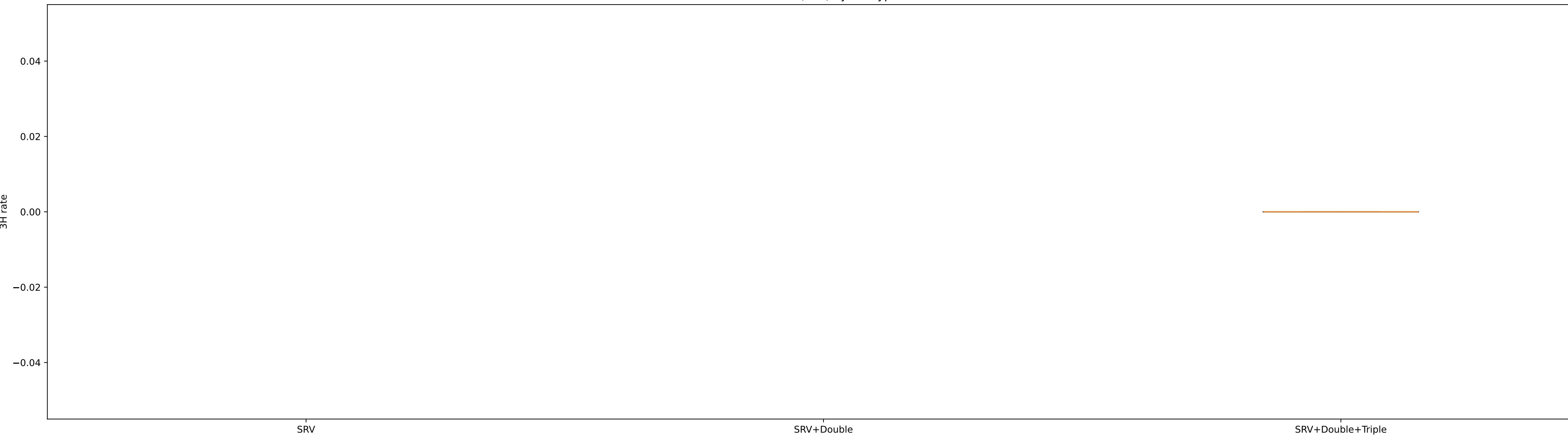
2H rates (test) by run type



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	0.841	1.17	0.287	0.2342
	2	0.8409	1.17	0.287	0.2342
	3	0.8393	1.16	0.287	0.2342
	4	0.8407	1.17	0.287	0.2342
	5	0.8424	1.16	0.287	0.2342
	6	0.8398	1.16	0.287	0.2342
	7	0.8442	1.16	0.287	0.2342
	8	0.8405	1.16	0.287	0.2342
	9	0.8396	1.16	0.287	0.2342
	10	0.8404	1.16	0.287	0.2342

## Replicate-level summary — SRV+Double (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	0.8402	1.16	0.287	0.2342
	2	0.8407	1.16	0.287	0.2342
	3	0.841	1.17	0.287	0.2342
	4	0.8426	1.16	0.287	0.2342
	5	0.8405	1.16	0.287	0.2342
	6	0.8398	1.17	0.287	0.2342
	7	0.8404	1.16	0.287	0.2342
	8	0.8423	1.16	0.287	0.2342
	9	0.8403	1.16	0.287	0.2342
	10	0.8405	1.16	0.287	0.2342

## 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	0.842	1.16	0.287	0.2342
	2	0.8399	1.17	0.287	0.2342
	3	0.8431	1.16	0.287	0.2342
	4	0.8389	1.17	0.287	0.2342
	5	0.8393	1.16	0.287	0.2342
	6	0.8391	1.17	0.287	0.2342
	7	0.8391	1.17	0.287	0.2342
	8	0.8453	1.17	0.287	0.2342
	9	0.8391	1.16	0.287	0.2342
	10	0.8395	1.16	0.287	0.2342

	test	Negative s election	0.097	0.0	SRV+Double
	test	Negative s election	0.244	100.0	SRV+Double
	test	Negative s election	0.133	0.0	SRV+Double
	test	Negative s election	0.297	100.0	SRV+Double
	reference	Diversifying selecting on	<b>Ω-class distributions (all) (cols 1-7/7)</b>		
	reference	Negative s election	0.105	0.0	SRV+Double
	reference	Negative s election	0.293	100.0	SRV+Double
	test	Negative s election	1.744	0.0	SRV+Double
	test	Negative s election	0.105	0.0	SRV+Double
	test	Negative s election	0.293	100.0	SRV+Double
	reference	Diversifying selecting on	2.528	0.0	SRV+Double
	reference	Negative s election	0.027	0.0	SRV+Double
	reference	Negative s election	0.298	100.0	SRV+Double
	test	Diversifying selecting on	2.935	0.0	SRV+Double
	test	Diversifying selecting on	2.528	0.0	SRV+Double
	test	Negative s election	0.015	0.0	SRV+Double
	test	Negative s election	0.246	100.0	SRV+Double
	test	Negative s election	0.027	0.0	SRV+Double
	test	Negative s election	0.298	100.0	SRV+Double
	reference	Diversifying selecting on	7.688	0.0	SRV+Double
	reference	Negative s election	0.022	0.0	SRV+Double
	reference	Negative s election	0.293	100.0	SRV+Double
	test	Negative s election	7.688	0.0	SRV+Double
	test	Negative s election	0.022	0.0	SRV+Double
	test	Negative s election	0.293	100.0	SRV+Double
	reference	Diversifying selecting on	1.807	0.0	SRV+Double
	reference	Negative s election	0.273	28.029	SRV+Double
	reference	Negative s election	0.309	71.971	SRV+Double
	test	Diversifying selecting on	1.995	0.0	SRV+Double
	test	Diversifying selecting on	1.807	0.0	SRV+Double
	test	Negative s election	0.219	28.029	SRV+Double
	test	Negative s election	0.254	71.971	SRV+Double
	test	Negative s election	0.273	28.029	SRV+Double
	test	Negative s election	0.309	71.971	SRV+Double
	reference	Diversifying selecting on	3.71	0.0	SRV+Double
	reference	Negative s election	0.278	44.427	SRV+Double
	reference	Negative s election	0.304	55.573	SRV+Double
	test	Diversifying selecting on	3.71	0.0	SRV+Double
	test	Negative s election	0.278	44.427	SRV+Double
	test	Negative s election	0.304	55.573	SRV+Double
	reference	Diversifying selecting on	6.103	0.0	SRV+Double
	reference	Negative s election	0.003	0.0	SRV+Double
	reference	Negative s election	0.299	100.0	SRV+Double
	test	Diversifying selecting on	8.175	0.0	SRV+Double
	test	Diversifying selecting on	6.103	0.0	SRV+Double
	test	Negative s election	0.001	0.0	SRV+Double
	test	Negative s election	0.246	100.0	SRV+Double
	test	Negative s election	0.003	0.0	SRV+Double
	test	Negative s election	12.299	100.0	SRV+Double
	reference	Diversifying selecting on	1.731	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	0.032	60.278	SRV	
	2	0.226	29.604	SRV	
	3	9.034	10.118	SRV	
	1	0.043	59.292	SRV	
	2	0.189	30.513	SRV	
	3	8.994	10.195	SRV	
	1	0.056	59.49	SRV	
	2	0.189	30.501	SRV	
	3	9.085	10.008	SRV	
SRV	1	0.038	58.536	SRV	
	2	0.21	31.382	SRV	
	3	9.044	10.082	SRV	
	1	0.019	58.785	SRV	
	2	0.235	31.064	SRV	
	3	9.018	10.151	SRV	
	1	0.052	60.238	SRV	
	2	0.171	29.546	SRV	
	3	8.986	10.216	SRV	
SRV	1	0.027	60.079	SRV	
	2	0.192	29.481	SRV	
	3	8.884	10.44	SRV	
	1	0.0	56.142	SRV	
	2	0.309	34.151	SRV	
	3	9.213	9.707	SRV	
	1	0.0	55.584	SRV	
	2	0.316	34.81	SRV	
	3	9.265	9.606	SRV	
SRV	1	0.0	60.397	SRV	
	2	0.376	30.053	SRV	
	3	9.286	9.55	SRV	

