

## RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

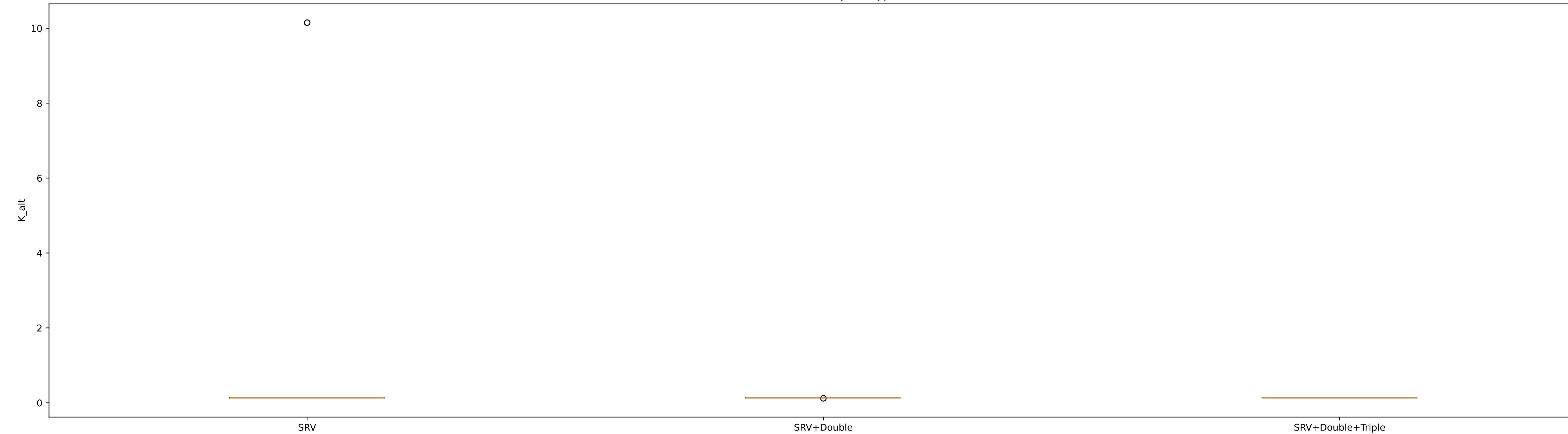
Includes:

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

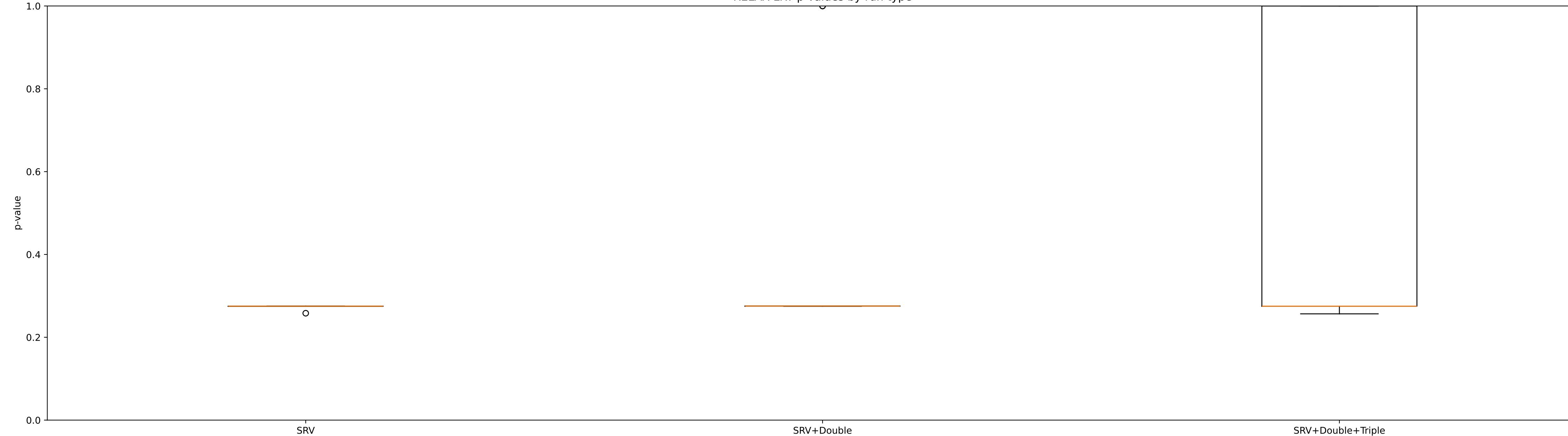
## Run-type summary statistics

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
0.2751	0.2581	0.2752	0.13	0.13	10.15	0.2332	0.7968	9	nan	nan
0.2754	0.2749	1.0	0.13	0.12	0.13	0.2332	0.7964	10	0.0	0.0
0.2751	0.2566	1.0	0.13	0.13	0.13	0.2332	0.7969	10	0.0	0.0

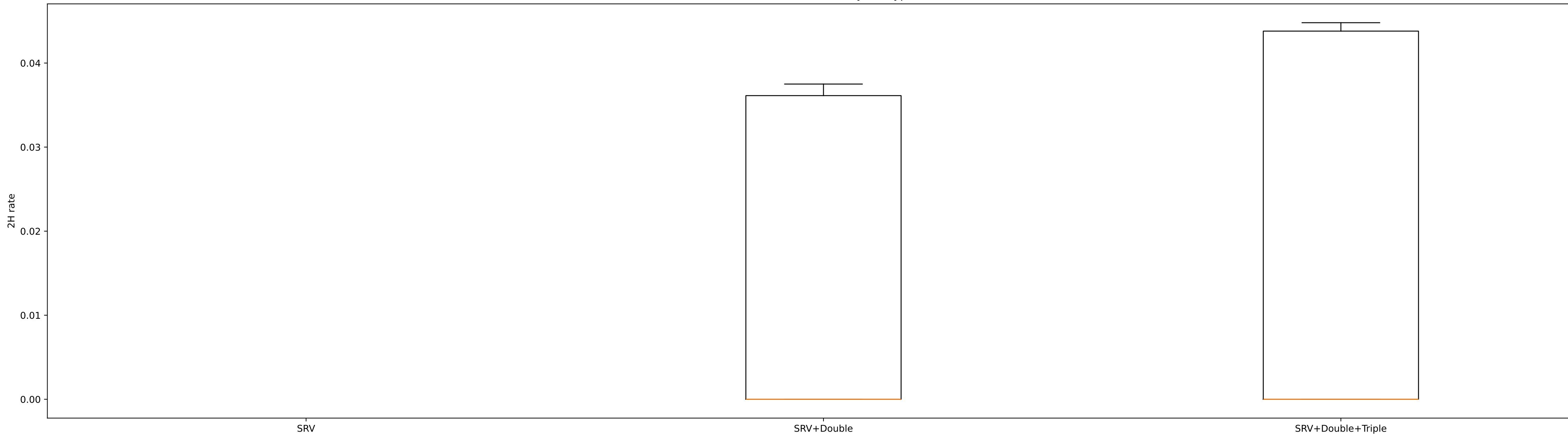
K (alternative) by run type



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	nan	nan	0.2332	0.7969
	2	0.2581	10.15	0.2331	0.7968
	3	0.2751	0.13	0.2332	0.7942
	4	0.2751	0.13	0.2331	0.7936
	5	0.275	0.13	0.2331	0.7936
	6	0.275	0.13	0.2333	0.7968
	7	0.2751	0.13	0.2333	0.7968
	8	0.2751	0.13	0.2335	0.7975
	9	0.275	0.13	0.2335	0.7975
	10	0.2752	0.13	0.2333	0.794

## 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	1.0	0.13	0.2333	0.7969
	2	0.2754	0.13	0.2334	0.7976
	3	0.275	0.13	0.2335	0.7975
	4	1.0	0.13	0.2332	0.7952
	5	0.2752	0.13	0.2335	0.7922
	6	0.2749	0.13	0.2331	0.7936
	7	0.2755	0.13	0.2331	0.7936
	8	0.2756	0.13	0.2333	0.7969
	9	0.2756	0.13	0.2332	0.7969
	10	0.2751	0.12	0.2332	0.7958

## 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	0.275	0.13	0.2333	0.7969
	2	1.0	0.13	0.2334	0.7976
	3	0.275	0.13	0.2331	0.7998
	4	1.0	0.13	0.2334	0.7979
	5	1.0	0.13	0.2331	0.7992
	6	0.2566	0.13	0.2332	0.7952
	7	1.0	0.13	0.2335	0.7922
	8	0.2751	0.13	0.2333	0.7938
	9	0.2751	0.13	0.2332	0.7969
	10	0.2751	0.13	0.2332	0.7969

test		Negative selection	0.21	99.699	SRV+Double	
test		Negative selection Diversifying selecting on	0.211	0.234	SRV+Double	
reference			101.249	0.063	SRV+Double	
reference		Negative selection	0.203	20.146	SRV+Double	
reference		Negative selection Diversifying selecting on	0.208	79.791	SRV+Double	
test		Diversifying selecting on	1.805	0.063	SRV+Double	
test		Negative selection	101.249	0.063	SRV+Double	
test		Negative selection	0.816	20.146	SRV+Double	
test		Negative selection	0.818	79.791	SRV+Double	
test		Negative selection	0.203	20.146	SRV+Double	
test		Negative selection Diversifying selecting on	0.208	79.791	SRV+Double	
reference		Negative selection Diversifying selecting on	100.804	0.067	SRV+Double	
reference		Negative selection	0.209	78.443	SRV+Double	
reference		Negative selection Diversifying selecting on	0.215	21.49	SRV+Double	
test		Diversifying selecting on	100.804	0.067	SRV+Double	
test		Negative selection	0.209	78.443	SRV+Double	
test		Negative selection	0.215	21.49	SRV+Double	
reference		Negative selection Diversifying selecting on	101.342	0.063	SRV+Double	
reference		Negative selection	0.206	87.46	SRV+Double	
reference		Negative selection	0.21	12.477	SRV+Double	
test		Diversifying selecting on	1.799	0.063	SRV+Double	
test		Diversifying selecting on	101.342	0.063	SRV+Double	
test		Negative selection	0.818	87.46	SRV+Double	
test		Negative selection	0.82	12.477	SRV+Double	
test		Negative selection	0.206	87.46	SRV+Double	
test		Negative selection Diversifying selecting on	0.21	12.477	SRV+Double	
reference		Negative selection Diversifying selecting on	98.967	0.067	SRV+Double	
reference		Negative selection	0.209	87.702	SRV+Double	
reference		Negative selection Diversifying selecting on	0.22	12.231	SRV+Double	
test		Diversifying selecting on	98.967	0.067	SRV+Double	
test		Negative selection	0.209	87.702	SRV+Double	
test		Negative selection Diversifying selecting on	0.22	12.231	SRV+Double	
reference		Negative selection Diversifying selecting on	100.888	0.063	SRV+Double	
reference		Negative selection	0.201	25.017	SRV+Double	
reference		Negative selection Diversifying selecting on	0.209	74.92	SRV+Double	
test		Diversifying selecting on	1.798	0.063	SRV+Double	
test		Diversifying selecting on	100.888	0.063	SRV+Double	
test		Negative selection	0.815	25.017	SRV+Double	
test		Negative selection	0.82	74.92	SRV+Double	
test		Negative selection	0.201	25.017	SRV+Double	
test		Negative selection Diversifying selecting on	0.209	74.92	SRV+Double	
reference		Negative selection Diversifying selecting on	100.649	0.067	SRV+Double	
reference		Negative selection	0.209	73.382	SRV+Double	
reference		Negative selection Diversifying selecting on	0.213	26.551	SRV+Double	
test		Diversifying selecting on	100.649	0.067	SRV+Double	
test		Negative selection	0.209	73.382	SRV+Double	
test		Negative selection Diversifying selecting on	0.213	26.551	SRV+Double	
reference		Negative selection Diversifying selecting on	101.208	0.063	SRV+Double	
reference		Negative selection	0.197	24.009	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	58.288	SRV	
	2	2.117	40.853	SRV	
	3	15.713	0.859	SRV	
	1	0.025	33.791	SRV	
	2	0.025	30.544	SRV	
	3	2.759	35.666	SRV	
	1	0.025	29.065	SRV	
	2	0.025	35.27	SRV	
	3	2.759	35.666	SRV	
	1	0.025	31.745	SRV	
	2	0.026	32.618	SRV	
	3	2.761	35.637	SRV	
	1	0.025	37.253	SRV	
	2	0.025	27.079	SRV	
	3	2.759	35.668	SRV	
	1	0.025	34.516	SRV	
	2	0.025	29.812	SRV	
	3	2.759	35.671	SRV	
	1	0.024	27.832	SRV	
	2	0.024	36.466	SRV	
	3	2.757	35.702	SRV	
	1	0.025	37.171	SRV	
	2	0.025	27.144	SRV	
	3	2.758	35.685	SRV	
	1	0.024	25.504	SRV	
	2	0.025	38.812	SRV	
	3	2.758	35.684	SRV	

