

**Statistics ELLA experiment – Figure 6**

**Levene's Test of Equality of Error Variances<sup>a</sup>**

Dependent Variable: value1

F	df1	df2	Sig.
2.527	14	30	.016

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Sample

Data not normal => **Non parametric tests**

**Hypothesis Test Summary**

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of SNA-I is the same across categories of Sample.	Independent-Samples Kruskal-Wallis Test	.000	Reject the null hypothesis.
2	The distribution of RCA-I is the same across categories of Sample.	Independent-Samples Kruskal-Wallis Test	.006	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

**Multivariate Tests<sup>a</sup>**

Effect		Value	F	Hypothesis df	Error df	Sig.
Intercept	Pillai's Trace	.999	15233.281 <sup>b</sup>	2.000	29.000	.000
	Wilks' Lambda	.001	15233.281 <sup>b</sup>	2.000	29.000	.000
	Hotelling's Trace	1050.571	15233.281 <sup>b</sup>	2.000	29.000	.000
	Roy's Largest Root	1050.571	15233.281 <sup>b</sup>	2.000	29.000	.000
Sample	Pillai's Trace	1.768	16.326	28.000	60.000	.000
	Wilks' Lambda	.002	42.100 <sup>b</sup>	28.000	58.000	.000
	Hotelling's Trace	103.516	103.516	28.000	56.000	.000
	Roy's Largest Root	100.015	214.317 <sup>c</sup>	14.000	30.000	.000

a. Design: Intercept + Sample

b. Exact statistic

c. The statistic is an upper bound on F that yields a lower bound on the significance level.

Conclusion: Significant differences between samples

**Figure 6: Legend**

Label for Statistics	Corresponding in Manuscript
ASF	ASF (Asialofetuin)
FET	FET (Fetuin)
A5	hST6 A5
B1	hST6 B1
G1	hST6
Dre	zST6
Gac	sST6
Tru	fST6
Gga	cST6
Rno	rST6
Ctrl	mST6 (commercial mouse enzyme)
ST3A2	hST3 A2
ST3A1	hST3 A2
ST3H6	zST3
ST2	hST6Gal2

**Posthoc Non-parametric test:**

**Multiple Comparisons**

Tamhane

Dependent Variable	(I) Sample	(J) Sample	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
SNA-I	A5	ASF	.17057	.026836	.881	-.81374	1.15488
		B1	-.61080	.050248	.072	-1.29693	.07533
		Ctrl	-1.86787	.092622	.109	-4.50383	.76810
		Dre	-.30683	.042418	.219	-.77809	.16443
		FET	-2.09023	.109416	.152	-5.60628	1.42581
		G1	.11367	.035482	.971	-.25962	.48695
		Gac	-.03847	.085478	1.000	-2.30482	2.22789
		Gga	-1.78183 <sup>*</sup>	.069087	.030	-3.23693	-.32674
		Rno	-1.42407	.077736	.097	-3.29835	.45021
		ST2	.18497	.040800	.694	-.25365	.62359
		ST3A1	-.02837	.032870	1.000	-.40905	.35232
		ST3A2	.06663	.046160	1.000	-.49666	.62993
		ST3H6	-.05930	.050348	1.000	-.74870	.63010
		Tru	-.41667	.067462	.705	-1.79620	.96287

ASF	A5	-.17057	.026836	.881	-1.15488	.81374
	B1	-.78137	.043064	.245	-2.57315	1.01041
	Ctrl	-2.03843	.088929	.176	-5.98199	1.90512
	Dre	-.47740	.033600	.351	-1.80424	.84944
	FET	-2.26080	.106309	.203	-7.00313	2.48153
	G1	-.05690	.024261	1.000	-.90809	.79429
	Gac	-.20903	.081463	1.000	-3.80784	3.38977
	Gga	-1.95240	.064052	.100	-4.74137	.83657
	Rno	-1.59463	.073297	.191	-4.81486	1.62559
	ST2	.01440	.031532	1.000	-1.20879	1.23759
	ST3A1	-.19893	.020251	.508	-.84038	.44251
	ST3A2	-.10393	.038215	1.000	-1.65923	1.45136
	ST3H6	-.22987	.043180	.966	-2.02730	1.56757
	Tru	-.58723	.062295	.674	-3.29386	2.11939
	B1	A5	.61080	.050248	.072	-.07533
ASF		.78137	.043064	.245	-1.01041	2.57315
Ctrl		-1.25707	.098555	.125	-3.01349	.49936
Dre		.30397	.054163	.463	-.30557	.91350
FET		-1.47943	.114482	.179	-3.95358	.99472
G1		.72447	.048921	.055	-.02120	1.47013
Gac		.57233	.091874	.575	-.91280	2.05747
Gga		-1.17103	.076859	.026	-2.14065	-.20141
Rno		-.81327	.084718	.169	-2.03425	.40771
ST2		.79577	.052905	.021	.17289	1.41864
ST3A1		.58243	.047061	.151	-.30258	1.46745
ST3A2		.67743	.057140	.032	.07336	1.28151
ST3H6		.55150	.060574	.081	-.07659	1.17959
Tru		.19413	.075402	.999	-.73405	1.12231
Ctrl		A5	1.86787	.092622	.109	-.76810
	ASF	2.03843	.088929	.176	-1.90512	5.98199
	B1	1.25707	.098555	.125	-.49936	3.01349
	Dre	1.56103	.094803	.116	-.64473	3.76680
	FET	-.22237	.138420	1.000	-1.71892	1.27418
	G1	1.98153	.091909	.108	-.83725	4.80032
	Gac	1.82940	.120394	.012	.56820	3.09060
	Gga	.08603	.109368	1.000	-1.21357	1.38563
	Rno	.44380	.115026	.873	-.80882	1.69642
	ST2	2.05283	.094090	.068	-.27543	4.38110
	ST3A1	1.83950	.090932	.150	-1.27465	4.95365
	ST3A2	1.93450	.096535	.052	-.02934	3.89834
	ST3H6	1.80857	.098606	.046	.05657	3.56056
	Tru	1.45120	.108348	.036	.13437	2.76803

Dre	A5	.30683	.042418	.219	-.16443	.77809
	ASF	.47740	.033600	.351	-.84944	1.80424
	B1	-.30397	.054163	.463	-.91350	.30557
	Ctrl	-1.56103	.094803	.116	-3.76680	.64473
	FET	-1.78340	.111268	.167	-4.82239	1.25559
	G1	.42050	.040838	.083	-.06726	.90826
	Gac	.26837	.087837	.999	-1.60179	2.13852
	Gga	-1.47500 <sup>*</sup>	.071985	.026	-2.65278	-.29722
	Rno	-1.11723	.080322	.115	-2.64400	.40954
	ST2	.49180 <sup>*</sup>	.045535	.044	.01700	.96660
	ST3A1	.27847	.038591	.357	-.27205	.82898
	ST3A2	.37347	.050394	.180	-.16103	.90797
	ST3H6	.24753	.054256	.715	-.36410	.85917
	Tru	-.10983	.070426	1.000	-1.22709	1.00742
	FET	A5	2.09023	.109416	.152	-1.42581
ASF		2.26080	.106309	.203	-2.48153	7.00313
B1		1.47943	.114482	.179	-.99472	3.95358
Ctrl		.22237	.138420	1.000	-1.27418	1.71892
Dre		1.78340	.111268	.167	-1.25559	4.82239
G1		2.20390	.108813	.148	-1.50127	5.90907
Gac		2.05177 <sup>*</sup>	.133746	.017	.53261	3.57093
Gga		.30840	.123913	1.000	-1.42682	2.04362
Rno		.66617	.128935	.620	-.92140	2.25373
ST2		2.27520	.110662	.106	-.90481	5.45521
ST3A1		2.06187	.107990	.190	-1.93489	6.05863
ST3A2		2.15687	.112748	.089	-.58872	4.90245
ST3H6		2.03093	.114526	.082	-.43717	4.49904
Tru		1.67357	.123014	.060	-.09990	3.44704
G1		A5	-.11367	.035482	.971	-.48695
	ASF	.05690	.024261	1.000	-.79429	.90809
	B1	-.72447	.048921	.055	-1.47013	.02120
	Ctrl	-1.98153	.091909	.108	-4.80032	.83725
	Dre	-.42050	.040838	.083	-.90826	.06726
	FET	-2.20390	.108813	.148	-5.90907	1.50127
	Gac	-.15213	.084705	1.000	-2.59375	2.28948
	Gga	-1.89550 <sup>*</sup>	.068128	.033	-3.49070	-.30030
	Rno	-1.53773	.076885	.096	-3.57424	.49877
	ST2	.07130	.039154	1.000	-.37465	.51725
	ST3A1	-.14203	.030804	.680	-.47687	.19281
	ST3A2	-.04703	.044712	1.000	-.64770	.55363
	ST3H6	-.17297	.049024	.979	-.92242	.57649
	Tru	-.53033	.066479	.522	-2.04479	.98413

Gac	A5	.03847	.085478	1.000	-2.22789	2.30482
	ASF	.20903	.081463	1.000	-3.38977	3.80784
	B1	-.57233	.091874	.575	-2.05747	.91280
	Ctrl	-1.82940 <sup>*</sup>	.120394	.012	-3.09060	-.56820
	Dre	-.26837	.087837	.999	-2.13852	1.60179
	FET	-2.05177 <sup>*</sup>	.133746	.017	-3.57093	-.53261
	G1	.15213	.084705	1.000	-2.28948	2.59375
	Gga	-1.74337 <sup>*</sup>	.103388	.011	-2.89907	-.58767
	Rno	-1.38560 <sup>*</sup>	.109356	.025	-2.53646	-.23474
	ST2	.22343	.087067	1.000	-1.75709	2.20396
	ST3A1	.01010	.083645	1.000	-2.72262	2.74282
	ST3A2	.10510	.089703	1.000	-1.55351	1.76371
	ST3H6	-.02083	.091929	1.000	-1.50236	1.46069
	Tru	-.37820	.102309	.918	-1.54229	.78589
	Gga	A5	1.78183 <sup>*</sup>	.069087	.030	.32674
ASF		1.95240	.064052	.100	-.83657	4.74137
B1		1.17103 <sup>*</sup>	.076859	.026	.20141	2.14065
Ctrl		-.08603	.109368	1.000	-1.38563	1.21357
Dre		1.47500 <sup>*</sup>	.071985	.026	.29722	2.65278
FET		-.30840	.123913	1.000	-2.04362	1.42682
G1		1.89550 <sup>*</sup>	.068128	.033	.30030	3.49070
Gac		1.74337 <sup>*</sup>	.103388	.011	.58767	2.89907
Rno		.35777	.097084	.901	-.67350	1.38903
ST2		1.96680 <sup>*</sup>	.071043	.014	.71746	3.21614
ST3A1		1.75347	.066805	.057	-.09759	3.60453
ST3A2		1.84847 <sup>*</sup>	.074251	.008	.79415	2.90279
ST3H6		1.72253 <sup>*</sup>	.076925	.007	.75447	2.69060
Tru		1.36517 <sup>*</sup>	.089071	.011	.44065	2.28969
Rno		A5	1.42407	.077736	.097	-.45021
	ASF	1.59463	.073297	.191	-1.62559	4.81486
	B1	.81327	.084718	.169	-.40771	2.03425
	Ctrl	-.44380	.115026	.873	-1.69642	.80882
	Dre	1.11723	.080322	.115	-.40954	2.64400
	FET	-.66617	.128935	.620	-2.25373	.92140
	G1	1.53773	.076885	.096	-.49877	3.57424
	Gac	1.38560 <sup>*</sup>	.109356	.025	.23474	2.53646
	Gga	-.35777	.097084	.901	-1.38903	.67350
	ST2	1.60903	.079479	.051	-.01167	3.22973
	ST3A1	1.39570	.075715	.150	-.92073	3.71213
	ST3A2	1.49070 <sup>*</sup>	.082359	.038	.13676	2.84464
	ST3H6	1.36477 <sup>*</sup>	.084777	.035	.14644	2.58309
	Tru	1.00740	.095934	.054	-.02277	2.03757

ST2	A5	-.18497	.040800	.694	-.62359	.25365
	ASF	-.01440	.031532	1.000	-1.23759	1.20879
	B1	-.79577*	.052905	.021	-1.41864	-.17289
	Ctrl	-2.05283	.094090	.068	-4.38110	.27543
	Dre	-.49180*	.045535	.044	-.96660	-.01700
	FET	-2.27520	.110662	.106	-5.45521	.90481
	G1	-.07130	.039154	1.000	-.51725	.37465
	Gac	-.22343	.087067	1.000	-2.20396	1.75709
	Gga	-1.96680*	.071043	.014	-3.21614	-.71746
	Rno	-1.60903	.079479	.051	-3.22973	.01167
	ST3A1	-.21333	.036805	.538	-.70491	.27825
	ST3A2	-.11833	.049039	1.000	-.65295	.41628
	ST3H6	-.24427	.053000	.729	-.86957	.38103
	Tru	-.60163	.069464	.306	-1.78583	.58256
ST3A1	A5	.02837	.032870	1.000	-.35232	.40905
	ASF	.19893	.020251	.508	-.44251	.84038
	B1	-.58243	.047061	.151	-1.46745	.30258
	Ctrl	-1.83950	.090932	.150	-4.95365	1.27465
	Dre	-.27847	.038591	.357	-.82898	.27205
	FET	-2.06187	.107990	.190	-6.05863	1.93489
	G1	.14203	.030804	.680	-.19281	.47687
	Gac	-.01010	.083645	1.000	-2.74282	2.72262
	Gga	-1.75347	.066805	.057	-3.60453	.09759
	Rno	-1.39570	.075715	.150	-3.71213	.92073
	ST2	.21333	.036805	.538	-.27825	.70491
	ST3A2	.09500	.042669	1.000	-.60659	.79659
	ST3H6	-.03093	.047168	1.000	-.92063	.85876
	Tru	-.38830	.065123	.840	-2.15236	1.37576
ST3A2	A5	-.06663	.046160	1.000	-.62993	.49666
	ASF	.10393	.038215	1.000	-1.45136	1.65923
	B1	-.67743*	.057140	.032	-1.28151	-.07336
	Ctrl	-1.93450	.096535	.052	-3.89834	.02934
	Dre	-.37347	.050394	.180	-.90797	.16103
	FET	-2.15687	.112748	.089	-4.90245	.58872
	G1	.04703	.044712	1.000	-.55363	.64770
	Gac	-.10510	.089703	1.000	-1.76371	1.55351
	Gga	-1.84847*	.074251	.008	-2.90279	-.79415
	Rno	-1.49070*	.082359	.038	-2.84464	-.13676
	ST2	.11833	.049039	1.000	-.41628	.65295
	ST3A1	-.09500	.042669	1.000	-.79659	.60659
	ST3H6	-.12593	.057228	1.000	-.73147	.47961
	Tru	-.48330	.072741	.415	-1.48693	.52033

	ST3H6	A5	.05930	.050348	1.000	-.63010	.74870
		ASF	.22987	.043180	.966	-1.56757	2.02730
		B1	-.55150	.060574	.081	-1.17959	.07659
		Ctrl	-1.80857	.098606	.046	-3.56056	-.05657
		Dre	-.24753	.054256	.715	-.85917	.36410
		FET	-2.03093	.114526	.082	-4.49904	.43717
		G1	.17297	.049024	.979	-.57649	.92242
		Gac	.02083	.091929	1.000	-1.46069	1.50236
		Gga	-1.72253	.076925	.007	-2.69060	-.75447
		Rno	-1.36477	.084777	.035	-2.58309	-.14644
		ST2	.24427	.053000	.729	-.38103	.86957
		ST3A1	.03093	.047168	1.000	-.85876	.92063
		ST3A2	.12593	.057228	1.000	-.47961	.73147
		Tru	-.35737	.075468	.720	-1.28420	.56946
	Tru	A5	.41667	.067462	.705	-.96287	1.79620
		ASF	.58723	.062295	.674	-2.11939	3.29386
		B1	-.19413	.075402	.999	-1.12231	.73405
		Ctrl	-1.45120	.108348	.036	-2.76803	-.13437
		Dre	.10983	.070426	1.000	-1.00742	1.22709
		FET	-1.67357	.123014	.060	-3.44704	.09990
		G1	.53033	.066479	.522	-.98413	2.04479
		Gac	.37820	.102309	.918	-.78589	1.54229
		Gga	-1.36517	.089071	.011	-2.28969	-.44065
		Rno	-1.00740	.095934	.054	-2.03757	.02277
		ST2	.60163	.069464	.306	-.58256	1.78583
		ST3A1	.38830	.065123	.840	-1.37576	2.15236
		ST3A2	.48330	.072741	.415	-.52033	1.48693
		ST3H6	.35737	.075468	.720	-.56946	1.28420
RCA-I	A5	ASF	-.61620	.085466	.201	-1.52969	.29729
		B1	.05757	.074180	1.000	-.72829	.84343
		Ctrl	.08533	.062245	1.000	-.98042	1.15108
		Dre	-.11973	.100160	1.000	-1.38494	1.14547
		FET	-.25147	.067045	.933	-1.09650	.59357
		G1	-.02910	.121842	1.000	-2.05058	1.99238
		Gac	-.13757	.078188	1.000	-.94851	.67338
		Gga	.10380	.080815	1.000	-.73699	.94459
		Rno	-.05687	.074035	1.000	-.84239	.72865
		ST2	-.56807	.073609	.159	-1.35286	.21672
		ST3A1	-.02160	.107392	1.000	-1.51258	1.46938
		ST3A2	-.16010	.060565	1.000	-1.38921	1.06901
		ST3H6	-.11453	.162259	1.000	-3.97794	3.74887
		Tru	-.18683	.062283	.998	-1.24965	.87598

ASF	A5	.61620	.085466	.201	-.29729	1.52969
	B1	.67377	.081273	.152	-.25740	1.60493
	Ctrl	.70153	.070549	.292	-.72560	2.12867
	Dre	.49647	.105521	.676	-.68919	1.68212
	FET	.36473	.074818	.778	-.73143	1.46089
	G1	.58710	.126286	.806	-1.19074	2.36494
	Gac	.47863	.084947	.427	-.43474	1.39201
	Gga	.72000	.087371	.122	-.19839	1.63839
	Rno	.55933	.081141	.273	-.37320	1.49187
	ST2	.04813	.080753	1.000	-.88875	.98502
	ST3A1	.59460	.112409	.579	-.76092	1.95012
	ST3A2	.45610	.069071	.711	-1.18013	2.09233
	ST3H6	.50167	.165622	.999	-2.87860	3.88194
	Tru	.42937	.070582	.713	-.99383	1.85256
B1	A5	-.05757	.074180	1.000	-.84343	.72829
	ASF	-.67377	.081273	.152	-1.60493	.25740
	Ctrl	.02777	.056349	1.000	-.81083	.86636
	Dre	-.17730	.096607	1.000	-1.56038	1.20578
	FET	-.30903	.061611	.606	-1.01115	.39309
	G1	-.08667	.118939	1.000	-2.35932	2.18599
	Gac	-.19513	.073581	.998	-.97110	.58083
	Gga	.04623	.076367	1.000	-.77913	.87159
	Rno	-.11443	.069152	1.000	-.83148	.60261
	ST2	-.62563	.068696	.081	-1.33823	.08697
	ST3A1	-.07917	.104086	1.000	-1.73519	1.57686
	ST3A2	-.21767	.054488	.959	-1.17939	.74406
	ST3H6	-.17210	.160090	1.000	-4.44705	4.10285
	Tru	-.24440	.056391	.883	-1.08090	.59210
Ctrl	A5	-.08533	.062245	1.000	-1.15108	.98042
	ASF	-.70153	.070549	.292	-2.12867	.72560
	B1	-.02777	.056349	1.000	-.86636	.81083
	Dre	-.20507	.087776	1.000	-2.47362	2.06349
	FET	-.33680	.046558	.240	-.87573	.20213
	G1	-.11443	.111885	1.000	-3.63800	3.40914
	Gac	-.22290	.061530	.981	-1.25961	.81381
	Gga	.01847	.064836	1.000	-1.15554	1.19247
	Rno	-.14220	.056158	1.000	-.97394	.68954
	ST2	-.65340	.055596	.097	-1.46518	.15838
	ST3A1	-.10693	.095946	1.000	-2.79632	2.58245
	ST3A2	-.24543	.036616	.255	-.63726	.14640
	ST3H6	-.19987	.154921	1.000	-5.96045	5.56071
	Tru	-.27217	.039392	.215	-.68062	.13629

Dre	A5	.11973	.100160	1.000	-1.14547	1.38494
	ASF	-.49647	.105521	.676	-1.68212	.68919
	B1	.17730	.096607	1.000	-1.20578	1.56038
	Ctrl	.20507	.087776	1.000	-2.06349	2.47362
	FET	-.13173	.091243	1.000	-1.89097	1.62751
	G1	.09063	.136660	1.000	-1.45829	1.63955
	Gac	-.01783	.099717	1.000	-1.29416	1.25850
	Gga	.22353	.101791	1.000	-1.00761	1.45467
	Rno	.06287	.096495	1.000	-1.32514	1.45087
	ST2	-.44833	.096169	.818	-1.85129	.95462
	ST3A1	.09813	.123949	1.000	-1.20349	1.39975
	ST3A2	-.04037	.086593	1.000	-2.57442	2.49369
	ST3H6	.00520	.173661	1.000	-2.68817	2.69857
	Tru	-.06710	.087803	1.000	-2.33034	2.19614
FET	A5	.25147	.067045	.933	-.59357	1.09650
	ASF	-.36473	.074818	.778	-1.46089	.73143
	B1	.30903	.061611	.606	-.39309	1.01115
	Ctrl	.33680	.046558	.240	-.20213	.87573
	Dre	.13173	.091243	1.000	-1.62751	1.89097
	G1	.22237	.114625	1.000	-2.65996	3.10469
	Gac	.11390	.066382	1.000	-.71212	.93992
	Gga	.35527	.069457	.674	-.56231	1.27285
	Rno	.19460	.061436	.981	-.50344	.89264
	ST2	-.31660	.060923	.555	-1.00287	.36967
	ST3A1	.22987	.099128	1.000	-1.89165	2.35139
	ST3A2	.09137	.044287	1.000	-.49341	.67615
	ST3H6	.13693	.156912	1.000	-4.94554	5.21941
	Tru	.06463	.046609	1.000	-.47372	.60298
G1	A5	.02910	.121842	1.000	-1.99238	2.05058
	ASF	-.58710	.126286	.806	-2.36494	1.19074
	B1	.08667	.118939	1.000	-2.18599	2.35932
	Ctrl	.11443	.111885	1.000	-3.40914	3.63800
	Dre	-.09063	.136660	1.000	-1.63955	1.45829
	FET	-.22237	.114625	1.000	-3.10469	2.65996
	Gac	-.10847	.121479	1.000	-2.15653	1.93960
	Gga	.13290	.123186	1.000	-1.80023	2.06603
	Rno	-.02777	.118848	1.000	-2.30986	2.25433
	ST2	-.53897	.118584	.921	-2.84934	1.77141
	ST3A1	.00750	.142045	1.000	-1.51921	1.53421
	ST3A2	-.13100	.110959	1.000	-3.94205	3.68005
	ST3H6	-.08543	.187008	1.000	-2.32765	2.15678
	Tru	-.15773	.111906	1.000	-3.67527	3.35980

Gac	A5	.13757	.078188	1.000	-.67338	.94851
	ASF	-.47863	.084947	.427	-1.39201	.43474
	B1	.19513	.073581	.998	-.58083	.97110
	Ctrl	.22290	.061530	.981	-.81381	1.25961
	Dre	.01783	.099717	1.000	-1.25850	1.29416
	FET	-.11390	.066382	1.000	-.93992	.71212
	G1	.10847	.121479	1.000	-1.93960	2.15653
	Gga	.24137	.080266	.986	-.59556	1.07829
	Rno	.08070	.073434	1.000	-.69478	.85618
	ST2	-.43050	.073006	.368	-1.20481	.34381
	ST3A1	.11597	.106979	1.000	-1.39151	1.62344
	ST3A2	-.02253	.059830	1.000	-1.21806	1.17299
	ST3H6	.02303	.161986	1.000	-3.88719	3.93326
	Tru	-.04927	.061568	1.000	-1.08314	.98461
Gga	A5	-.10380	.080815	1.000	-.94459	.73699
	ASF	-.72000	.087371	.122	-1.63839	.19839
	B1	-.04623	.076367	1.000	-.87159	.77913
	Ctrl	-.01847	.064836	1.000	-1.19247	1.15554
	Dre	-.22353	.101791	1.000	-1.45467	1.00761
	FET	-.35527	.069457	.674	-1.27285	.56231
	G1	-.13290	.123186	1.000	-2.06603	1.80023
	Gac	-.24137	.080266	.986	-1.07829	.59556
	Rno	-.16067	.076226	1.000	-.98622	.66489
	ST2	-.67187	.075813	.105	-1.49828	.15455
	ST3A1	-.12540	.108914	1.000	-1.56361	1.31281
	ST3A2	-.26390	.063225	.967	-1.61696	1.08916
	ST3H6	-.21833	.163271	1.000	-3.91910	3.48243
	Tru	-.29063	.064872	.912	-1.46137	.88010
Rno	A5	.05687	.074035	1.000	-.72865	.84239
	ASF	-.55933	.081141	.273	-1.49187	.37320
	B1	.11443	.069152	1.000	-.60261	.83148
	Ctrl	.14220	.056158	1.000	-.68954	.97394
	Dre	-.06287	.096495	1.000	-1.45087	1.32514
	FET	-.19460	.061436	.981	-.89264	.50344
	G1	.02777	.118848	1.000	-2.25433	2.30986
	Gac	-.08070	.073434	1.000	-.85618	.69478
	Gga	.16067	.076226	1.000	-.66489	.98622
	ST2	-.51120	.068539	.166	-1.22204	.19964
	ST3A1	.03527	.103983	1.000	-1.62732	1.69786
	ST3A2	-.10323	.054290	1.000	-1.05670	.85023
	ST3H6	-.05767	.160023	1.000	-4.34693	4.23159
	Tru	-.12997	.056200	1.000	-.95964	.69970

ST2	A5	.56807	.073609	.159	-.21672	1.35286
	ASF	-.04813	.080753	1.000	-.98502	.88875
	B1	.62563	.068696	.081	-.08697	1.33823
	Ctrl	.65340	.055596	.097	-.15838	1.46518
	Dre	.44833	.096169	.818	-.95462	1.85129
	FET	.31660	.060923	.555	-.36967	1.00287
	G1	.53897	.118584	.921	-1.77141	2.84934
	Gac	.43050	.073006	.368	-.34381	1.20481
	Gga	.67187	.075813	.105	-.15455	1.49828
	Rno	.51120	.068539	.166	-.19964	1.22204
	ST3A1	.54647	.103680	.749	-1.13592	2.22885
	ST3A2	.40797	.053709	.420	-.52139	1.33732
	ST3H6	.45353	.159827	1.000	-3.87815	4.78522
	Tru	.38123	.055638	.417	-.42856	1.19103
ST3A1	A5	.02160	.107392	1.000	-1.46938	1.51258
	ASF	-.59460	.112409	.579	-1.95012	.76092
	B1	.07917	.104086	1.000	-1.57686	1.73519
	Ctrl	.10693	.095946	1.000	-2.58245	2.79632
	Dre	-.09813	.123949	1.000	-1.39975	1.20349
	FET	-.22987	.099128	1.000	-2.35139	1.89165
	G1	-.00750	.142045	1.000	-1.53421	1.51921
	Gac	-.11597	.106979	1.000	-1.62344	1.39151
	Gga	.12540	.108914	1.000	-1.31281	1.56361
	Rno	-.03527	.103983	1.000	-1.69786	1.62732
	ST2	-.54647	.103680	.749	-2.22885	1.13592
	ST3A2	-.13850	.094865	1.000	-3.10625	2.82925
	ST3H6	-.09293	.177931	1.000	-2.57959	2.39372
	Tru	-.16523	.095971	1.000	-2.84894	2.51847
ST3A2	A5	.16010	.060565	1.000	-1.06901	1.38921
	ASF	-.45610	.069071	.711	-2.09233	1.18013
	B1	.21767	.054488	.959	-.74406	1.17939
	Ctrl	.24543	.036616	.255	-.14640	.63726
	Dre	.04037	.086593	1.000	-2.49369	2.57442
	FET	-.09137	.044287	1.000	-.67615	.49341
	G1	.13100	.110959	1.000	-3.68005	3.94205
	Gac	.02253	.059830	1.000	-1.17299	1.21806
	Gga	.26390	.063225	.967	-1.08916	1.61696
	Rno	.10323	.054290	1.000	-.85023	1.05670
	ST2	-.40797	.053709	.420	-1.33732	.52139
	ST3A1	.13850	.094865	1.000	-2.82925	3.10625
	ST3H6	.04557	.154254	1.000	-5.98140	6.07253
	Tru	-.02673	.036680	1.000	-.41973	.36627

ST3H6	A5	.11453	.162259	1.000	-3.74887	3.97794
	ASF	-.50167	.165622	.999	-3.88194	2.87860
	B1	.17210	.160090	1.000	-4.10285	4.44705
	Ctrl	.19987	.154921	1.000	-5.56071	5.96045
	Dre	-.00520	.173661	1.000	-2.69857	2.68817
	FET	-.13693	.156912	1.000	-5.21941	4.94554
	G1	.08543	.187008	1.000	-2.15678	2.32765
	Gac	-.02303	.161986	1.000	-3.93326	3.88719
	Gga	.21833	.163271	1.000	-3.48243	3.91910
	Rno	.05767	.160023	1.000	-4.23159	4.34693
	ST2	-.45353	.159827	1.000	-4.78522	3.87815
	ST3A1	.09293	.177931	1.000	-2.39372	2.57959
	ST3A2	-.04557	.154254	1.000	-6.07253	5.98140
	Tru	-.07230	.154937	1.000	-5.82708	5.68248
Tru	A5	.18683	.062283	.998	-.87598	1.24965
	ASF	-.42937	.070582	.713	-1.85256	.99383
	B1	.24440	.056391	.883	-.59210	1.08090
	Ctrl	.27217	.039392	.215	-.13629	.68062
	Dre	.06710	.087803	1.000	-2.19614	2.33034
	FET	-.06463	.046609	1.000	-.60298	.47372
	G1	.15773	.111906	1.000	-3.35980	3.67527
	Gac	.04927	.061568	1.000	-.98461	1.08314
	Gga	.29063	.064872	.912	-.88010	1.46137
	Rno	.12997	.056200	1.000	-.69970	.95964
	ST2	-.38123	.055638	.417	-1.19103	.42856
	ST3A1	.16523	.095971	1.000	-2.51847	2.84894
	ST3A2	.02673	.036680	1.000	-.36627	.41973
	ST3H6	.07230	.154937	1.000	-5.68248	5.82708

Based on observed means.

The error term is Mean Square(Error) = .015.

\*. The mean difference is significant at the .05 level.