

Additional file 5 - Relative Abundance Data generated by REST

Cq measurements and efficiencies were processed in the Relative Expression

Software Tool REST v2.0.13.0 in order to estimate relative transcript abundance, and

thus compare transcript abundance between ovaries and eggs. Randomisation (2000

iterations)-based statistics to determine normalised (based on 3 reference genes) and

non-normalised relative expression or abundance. Normalised and non-normalised

REST statistics are presented, including Standard Error (Std. Error), 95% Confidence

Interval (C.I.) and P-value.

Gene	Type	Reaction Efficiency	Normalised Results					Non-Normalised Results				
			Abundance	Std. Error	95% C.I.	P(H1)	Result	Abundance	Std. Error	95% C.I.	P(H1)	Result
<i>RPII215</i>	REF	1	1.158					2.324	2.221 - 2.415	2.180 - 2.442	0.033	UP
<i>Tbp</i>	REF	0.8518	0.85					1.706	1.681 - 1.749	1.637 - 1.752	0.05	UP
<i>Zw</i>	REF	0.9149	1.016					2.039	1.922 - 2.162	1.856 - 2.262	0.035	UP
<i>AGO2</i>	TRG	1	1.145	1.080 - 1.215	1.065 - 1.224	0.08		2.297	2.193 - 2.395	2.189 - 2.408	0.068	
<i>cad</i>	TRG	1	1.364	1.226 - 1.575	1.117 - 1.639	0.021	UP	2.738	2.478 - 3.129	2.240 - 3.258	0	UP
<i>dpp</i>	TRG	1	0.083	0.080 - 0.086	0.079 - 0.088	0.049	DOWN	0.166	0.158 - 0.174	0.155 - 0.182	0	DOWN
<i>egl</i>	TRG	1	0.708	0.664 - 0.761	0.642 - 0.787	0.025	DOWN	1.421	1.323 - 1.500	1.296 - 1.548	0.071	
<i>elav</i>	TRG	0.9624	0.769	0.737 - 0.808	0.728 - 0.828	0.072		1.543	1.488 - 1.644	1.480 - 1.656	0	UP
<i>exu</i>	TRG	1	1.553	1.429 - 1.707	1.385 - 1.765	0	UP	3.117	2.904 - 3.366	2.832 - 3.473	0.035	UP
<i>RPII215</i>	REF	1	1.125					1.757	1.609 - 1.889	1.539 - 1.945	0.035	UP
<i>Tbp</i>	REF	0.8518	0.921					1.438	1.374 - 1.494	1.349 - 1.517	0	UP
<i>Zw</i>	REF	0.9149	0.966					1.509	1.423 - 1.619	1.356 - 1.682	0.075	
<i>Fmr1</i>	TRG	0.9802	0.543	0.525 - 0.559	0.518 - 0.572	0.037	DOWN	0.849	0.837 - 0.865	0.833 - 0.871	0.047	DOWN
<i>mnb</i>	TRG	1	1.175	1.059 - 1.328	0.951 - 1.390	0.122		1.836	1.645 - 2.049	1.510 - 2.187	0	UP
<i>nos-like</i>	TRG	1	0.986	0.938 - 1.065	0.917 - 1.083	0.76		1.54	1.467 - 1.667	1.456 - 1.689	0	UP
<i>nos-M</i>	TRG	0.84	0.533	0.511 - 0.557	0.493 - 0.562	0.045	DOWN	0.833	0.803 - 0.877	0.772 - 0.894	0	DOWN
<i>nos-O</i>	TRG	1	1.295	1.212 - 1.372	1.164 - 1.394	0.026	UP	2.023	1.909 - 2.173	1.784 - 2.186	0	UP
<i>RPII215</i>	REF	1	1.155					1.379	1.318 - 1.431	1.289 - 1.483	0.029	UP
<i>Tbp</i>	REF	0.8518	0.893					1.066	1.051 - 1.082	1.040 - 1.094	0.031	UP
<i>Zw</i>	REF	0.9149	0.97					1.159	1.063 - 1.237	1.048 - 1.333	0	UP
<i>Oda</i>	TRG	0.9181	0.896	0.855 - 0.936	0.840 - 0.954	0.054		1.07	1.026 - 1.108	1.021 - 1.110	0.017	UP
<i>aop</i>	TRG	0.796	0.401	0.354 - 0.447	0.333 - 0.454	0	DOWN	0.479	0.443 - 0.528	0.407 - 0.541	0	DOWN
<i>par-1</i>	TRG	0.894	1.157	1.043 - 1.242	1.015 - 1.279	0.095		1.382	1.291 - 1.480	1.236 - 1.542	0.058	
<i>piwi</i>	TRG	0.9162	1.065	0.999 - 1.133	0.964 - 1.182	0.271		1.272	1.226 - 1.303	1.223 - 1.354	0	UP
<i>CbZ</i>	TRG	0.7049	1.046	1.026 - 1.070	1.014 - 1.076	0.034	UP	1.249	1.215 - 1.286	1.207 - 1.309	0.017	UP
<i>stau</i>	TRG	0.7173	1.252	1.171 - 1.351	1.122 - 1.415	0.042	UP	1.495	1.399 - 1.601	1.346 - 1.655	0	UP
<i>RPII215</i>	REF	1	1.143					1.659	1.521 - 1.798	1.491 - 1.930	0	UP
<i>Tbp</i>	REF	0.8518	0.934					1.355	1.300 - 1.399	1.283 - 1.417	0	UP
<i>Zw</i>	REF	0.9149	0.937					1.36	1.306 - 1.420	1.270 - 1.429	0	UP
<i>yl</i>	TRG	0.6805	0.857	0.789 - 0.913	0.772 - 0.936	0	DOWN	1.244	1.217 - 1.273	1.197 - 1.282	0.045	UP
<i>Vg</i>	TRG	0.6918	0.001	0.001 - 0.001	0.000 - 0.001	0	DOWN	0.001	0.001 - 0.001	0.001 - 0.001	0	DOWN