

Supplementary file 4

Test of homogeneity of variance

Gene Name	Levene' statistic*	P values
<i>IFNAR1</i>	0.229	0.876
<i>IFNAR2</i>	3.596	0.023
<i>STAT1</i>	0.615	0.610
<i>STAT2</i>	1.256	0.304
<i>IRF7</i>	0.875	0.463
<i>IRF9</i>	2.161	0.110
<i>JAK1</i>	1.767	0.171
<i>TYK2</i>	1.677	0.189
<i>PIAS2</i>	0.059	0.981
<i>IFNG</i>	7.290	0.001
STAT2 Protein	1.809	0.244

* Levene's statistic based on mean