

Table S3. Continuous up-regulation of DEG expression.

Gene name (abbreviation)	Gene name (official full name)	0h expression level	4h expression level	12h expression level	24h expression level	Fitting exponential slope
<i>GLDC</i>	glycine decarboxylase	3.5833	20.9700	26.9433	30.5867	0.9537
<i>DUSP14</i>	dual specificity phosphatase 14	0.0067	6.5133	6.7000	8.2000	0.2650
<i>DPF2</i>	double PHD fingers 2	0.0000	0.2800	0.7133	1.2067	0.0495
<i>GNAI1</i>	G protein subunit alpha i1	0.0000	0.6067	0.6967	1.1167	0.0398
<i>ZNF271</i>	zinc finger protein 271	0.0000	0.3467	0.5400	0.5733	0.0209
<i>ERAP1</i>	endoplasmic reticulum aminopeptidase 1	0.0000	0.2100	0.3100	0.5300	0.0202
<i>CDH23</i>	cadherin related 23	0.0667	0.4433	0.5667	0.6200	0.0193
<i>FOXJ3</i>	forkhead box J3	0.0000	0.2333	0.3733	0.4433	0.0165
<i>TSNAXIP1</i>	translin associated factor X interacting protein 1	0.0000	0.2467	0.2667	0.4367	0.0154
<i>TASOR2</i>	transcription activation suppressor family member 2	0.0000	0.3167	0.3400	0.3933	0.0128
<i>PIAS2</i>	protein inhibitor of activated STAT 2	0.0000	0.0900	0.1000	0.1967	0.0072
<i>INVS</i>	inversin	0.0033	0.1200	0.1500	0.2033	0.0071
<i>FBN1</i>	fibrillin 1	0.0000	0.1733	0.1733	0.1933	0.0060