

Table 2. Application of the rule explanation function (REF) to signal-to-noise ratio (SNR) analysis of output of the I/E pattern-based rule

Gene Name	Ch1 Mean	Ch1 SD	Ch1 at 30 minutes	Ch2 at 30 minutes	Ch2(30 minutes) –Ch1 Mean > 2 * Ch1 SD?	Ch1 at 1 hour	Ch2 at 1 hour	Ch2(30 minutes) –Ch1 Mean > 2 * Ch1 SD?
SID512337 Ribosomal protein S5	577	679	2647	3944	3944 – 577 = 3367 > 2*679, True	370	1168	1168 – 577 = 591 < 2*679, False