

Table S2. Twelve expression patterns of differential probes. The expression patterns of 7582 probes (identified from supplementary Fig.2) in the meta-analysis. Total 12 patterns and the probe numbers are shown. The + or – sign represents up- or down-regulation, respectively, in comparison to their base group denoted as B (e.g. 2806 probes in pattern 1 are significantly over-expressed in the low group by the *NL* test and, at the same time, they are up-regulated in the high group by the *NH* test). *KALI* belongs to pattern 1, 5 and 9 (shown in bold).

Pattern	Normal	Low	High	No. probes
1	B	+	+	2806
2	B	+	-	54
3	B	-	+	45
4	B	-	-	2767
5	-	B	+	592
6	-	B	-	1098
7	+	B	+	1063
8	+	B	-	405
9	-	-	B	1629
10	-	+	B	759
11	+	-	B	740
12	+	+	B	794