**Supplementary Table 5** Signaling pathways correlated with MPP6 expression.

|  |  |  |
| --- | --- | --- |
| ID | NES | *P.* adjusted |
| KEGG\_PATHWAYS\_IN\_CANCER | 1.603883 | 0.024405 |
| KEGG\_CELL\_CYCLE | 2.368796 | 0.024405 |
| KEGG\_WNT\_SIGNALING\_PATHWAY | 1.706657 | 0.024405 |
| KEGG\_DNA\_REPLICATION | 2.096907 | 0.024405 |
| KEGG\_FC\_GAMMA\_R\_MEDIATED\_PHAGOCYTOSIS | 1.762998 | 0.03353 |
| KEGG\_PRIMARY\_BILE\_ACID\_BIOSYNTHESIS | -2.09824 | 0.024405 |
| KEGG\_FATTY\_ACID\_METABOLISM | -2.88621 | 0.024405 |
| KEGG\_OXIDATIVE\_PHOSPHORYLATION | -2.1118 | 0.024405 |
| KEGG\_VALINE\_LEUCINE\_AND\_ISOLEUCINE\_DEGRADATION | -2.17222 | 0.024405 |
| KEGG\_PEROXISOME | -2.71665 | 0.024405 |