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| --- | --- | --- | --- | --- | --- | --- | --- |
| (a) |  | (b) |  | (c) |  | (d) |  |
| **Gene Expression Probe** | **PH p-value (marginal)** | **Copy Number Probe** | **PH p-value (marginal)** | **Gene Expression Probe** | **PH p-value (conditional)** | **Copy Number Probe** | **PH p-value (conditional)** |
| HS.579631 | 4.80E-11 | SEC24D | 5.10E-06 | LOC440160 | 1.10E-06 | PHF20 | 1.00E-05 |
| GABRE | 8.40E-09 | SPAG4L | 6.20E-06 | FLJ39632 | 1.70E-06 | DDX11 | 1.10E-05 |
| G6PD | 7.70E-08 | C20ORF185 | 6.90E-06 | HS.561314 | 2.70E-06 | IFI44L | 1.50E-05 |
| SPC24 | 1.50E-07 | C20ORF186 | 8.60E-06 | HS.579631 | 6.50E-06 | IFI44 | 1.50E-05 |
| PAK4 | 2.40E-07 | LOC149950 | 9.10E-06 | FAM13A | 7.60E-06 | HS.505141 | 1.60E-05 |
| GPI | 2.40E-07 | METAP1 | 9.90E-06 | RALGAPB | 8.00E-06 | HS.574453 | 1.60E-05 |
| MRPS5 | 2.60E-07 | BPIL3 | 1.00E-05 | LOC400455 | 1.20E-05 | SFRS11 | 3.90E-05 |
| ZIC2 | 2.60E-07 | IFI44L | 1.10E-05 | PABPC4 | 1.50E-05 | LOC149950 | 4.10E-05 |
| CBX2 | 2.70E-07 | IFI44 | 1.10E-05 | DHODH | 2.10E-05 | C20ORF152 | 4.50E-05 |
| DNMT3B | 3.40E-07 | PLXDC1 | 1.50E-05 | HS.129546 | 3.80E-05 | OVOS2 | 4.80E-05 |