

| Motif | Odds ratio<br>(95% CI) | # probes<br>(% of paired) |
|-------|------------------------|---------------------------|
| HXA9  | 3.7 (1.8–7.11)         | 13 (16.46%)               |
| PO3F3 | 3.12 (1.6–5.76)        | 15 (18.99%)               |
| HXC6  | 3.19 (1.6–5.99)        | 14 (17.72%)               |
| NF2L2 | 2.82 (1.55–4.93)       | 19 (24.05%)               |
| HXB13 | 3.2 (1.52–6.26)        | 12 (15.19%)               |
| SOX21 | 3.56 (1.49–7.61)       | 9 (11.39%)                |
| DLX2  | 3.37 (1.42–7.21)       | 9 (11.39%)                |
| SOX11 | 3.2 (1.41–6.59)        | 10 (12.66%)               |
| ZSC16 | 2.74 (1.41–5.03)       | 15 (18.99%)               |
| FOXJ3 | 2.48 (1.37–4.33)       | 19 (24.05%)               |
| HXA11 | 3.07 (1.35–6.3)        | 10 (12.66%)               |
| ZBED1 | 2.59 (1.33–4.75)       | 15 (18.99%)               |
| EVI1  | 2.86 (1.32–5.7)        | 11 (13.92%)               |
| CPEB1 | 2.27 (1.27–3.92)       | 20 (25.32%)               |
| SOX9  | 2.63 (1.26–5.1)        | 12 (15.19%)               |
| ZN232 | 3.12 (1.24–6.89)       | 8 (10.13%)                |
| MNX1  | 2.55 (1.22–4.94)       | 12 (15.19%)               |
| OZF   | 2.64 (1.22–5.24)       | 11 (13.92%)               |
| IRF1  | 2.06 (1.2–3.44)        | 24 (30.38%)               |
| GATA3 | 2.42 (1.19–4.59)       | 13 (16.46%)               |
| GSX2  | 2.8 (1.18–5.92)        | 9 (11.39%)                |
| IRF2  | 2.06 (1.18–3.5)        | 22 (27.85%)               |
| ZN260 | 2.66 (1.18–5.43)       | 10 (12.66%)               |
| CEBPB | 2.72 (1.15–5.75)       | 9 (11.39%)                |
| HXA13 | 2.72 (1.15–5.75)       | 9 (11.39%)                |
| SOX7  | 2.81 (1.12–6.19)       | 8 (10.13%)                |
| JUNB  | 2.02 (1.12–3.52)       | 19 (24.05%)               |
| HXC10 | 2.27 (1.12–4.28)       | 13 (16.46%)               |
| STAT2 | 1.92 (1.11–3.23)       | 23 (29.11%)               |
| BACH2 | 2 (1.11–3.48)          | 19 (24.05%)               |
| HMX1  | 2.61 (1.11–5.51)       | 9 (11.39%)                |

