Table S4. Gene methylation profiling in the livers of wild-type, PML-+, HBsAg ^{tg/0} and PML-+ HBsAg ^{tg/0} mice with normal histology, dysplasia, or HCC development.

_				ntage; Met : methylation percentage.								
Gene		pe, 10-mon, M)		ton percentage.	BM-39 (PML * HBsAg tg	, 8-mon, dysplasia, M)	322 (<i>PML</i> *, 10	-mon, normal, M)	336 (HBsAg ^{tg/0} , 6	-mon, normal, M)	424 (wild-type, 18	3-mon, normal, M)
	UMet	Met	UMet	Met	UMet	Met	UMet	Met	UMet	Met	UMet	Met
Abcb1b Alx3	99.91% 98.99%	0.09% 1.01%	100.00% 99.04%	0.00% 0.96%	100.00% 99.82%	0.00% 0.18%	99.82% 98.94%	0.18% 1.06%	99.92% 99.55%	0.08% 0.45%	100.00% 99.66%	0.00% 0.34%
Alx4	99.72%	0.28%	99.95%	0.05%	99.95%	0.05%	99.52%	0.48%	99.83%	0.17%	99.92%	0.08%
Apaf1	99.92%	0.08%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
Apba1 B4gaInt2	99.81% 100.00%	0.19% 0.00%	99.96% 99.83%	0.04% 0.17%	99.98% 99.93%	0.02% 0.07%	99.60% 99.59%	0.40% 0.41%	99.87% 99.84%	0.13% 0.16%	100.00% 100.00%	0.00% 0.00%
Bnip3	99.76%	0.24%	99.75%	0.25%	99.99%	0.01%	99.33%	0.67%	99.81%	0.19%	99.91%	0.09%
Bnip3l	100.00%	0.00%	99.92%	0.08%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
Cacna1h Cadm1	99.84% 99.23%	0.16% 0.77%	99.92% 99.64%	0.08%	99.92% 99.84%	0.08% 0.16%	99.82% 99.63%	0.18% 0.37%	99.81% 99.56%	0.19% 0.44%	99.79% 99.84%	0.21% 0.16%
Casp3	99.23%	0.77%	99.67%	0.33%	99.73%	0.27%	99.30%	0.70%	99.29%	0.71%	99.94%	0.06%
Casp8	99.86%	0.14%	100.00%	0.00%	100.00%	0.00%	99.89%	0.11%	99.94%	0.06%	100.00%	0.00%
Ccnd2 Cdh1	99.78% 99.74%	0.22% 0.26%	99.48% 99.67%	0.52% 0.33%	99.69% 99.95%	0.31% 0.05%	99.47% 99.39%	0.53% 0.61%	99.86% 99.67%	0.14% 0.33%	99.91% 100.00%	0.09% 0.00%
Cdh13	93.71%	6.29%	89.08%	10.92%	96.12%	3.88%	95.70%	4.30%	96.72%	3.28%	96.79%	3.21%
Cdkn1a	99.86%	0.14%	100.00%	0.00%	99.92%	0.08%	99.69%	0.31%	99.73%	0.27%	99.93%	0.07%
Cdkn1b Cdkn1c	100.00% 97.30%	0.00% 2.70%	99.92% 43.77%	0.08% 56.23%	100.00% 45.65%	0.00% 54.35%	100.00% 44.01%	0.00% 55.99%	99.89% 95.06%	0.11% 4.94%	99.95% 97.52%	0.05% 2.48%
Cdkn2a	99.50%	0.50%	99.65%	0.35%	99.36%	0.64%	99.71%	0.29%	99.32%	0.68%	99.63%	0.37%
Cdkn2b	99.28%	0.72%	99.79%	0.21%	99.30%	0.70%	99.15%	0.85%	99.44%	0.56%	99.62%	0.38%
Chfr Ctnnb1	99.57% 99.83%	0.43% 0.17%	99.60% 99.82%	0.40% 0.18%	99.64% 100.00%	0.36% 0.00%	98.93% 99.81%	1.07% 0.19%	98.84% 99.95%	1.16% 0.05%	99.13% 99.98%	0.87% 0.02%
Dab2	97.48%	2.52%	97.73%	2.27%	97.95%	2.05%	97.74%	2.26%	96.50%	3.50%	97.89%	2.11%
Dab2ip	98.78%	1.22%	99.46%	0.54%	99.16%	0.84%	98.79%	1.21%	99.20%	0.80%	99.73%	0.27%
Dact1 Dapk1	99.99% 99.85%	0.01% 0.15%	99.93% 99.89%	0.07% 0.11%	99.99% 100.00%	0.01% 0.00%	99.81% 100.00%	0.19% 0.00%	99.99% 100.00%	0.01% 0.00%	99.94% 100.00%	0.06% 0.00%
Dbc1	99.22%	0.78%	99.01%	0.99%	99.89%	0.11%	99.48%	0.52%	99.60%	0.40%	99.91%	0.09%
Dkk3	94.08%	5.92%	88.64%	11.36%	94.16%	5.84%	94.63%	5.37%	95.07%	4.93%	94.82%	5.18%
Dic1 E2f1	99.89% 99.88%	0.11% 0.12%	99.45% 99.92%	0.55% 0.08%	99.93% 100.00%	0.07% 0.00%	99.59% 99.89%	0.41% 0.11%	99.83% 99.80%	0.17% 0.20%	100.00% 100.00%	0.00% 0.00%
Ebf3	100.00%	0.12%	99.92%	0.08%	100.00%	0.00%	100.00%	0.00%	99.88%	0.20%	100.00%	0.00%
EgIn2	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	99.96%	0.04%	99.92%	0.08%	100.00%	0.00%
Ep300 Fhit	99.98% 99.58%	0.02% 0.42%	99.99%	0.01% 0.38%	99.99% 99.75%	0.01% 0.25%	99.95% 99.31%	0.05% 0.69%	99.91% 99.20%	0.09% 0.80%	99.96% 99.93%	0.04% 0.07%
Gadd45b	99.86%	0.14%	99.62% 100.00%	0.00%	99.75%	0.25%	99.88%	0.12%	100.00%	0.00%	99.92%	0.08%
Gadd45g	99.93%	0.07%	100.00%	0.00%	99.94%	0.06%	99.74%	0.26%	99.99%	0.01%	100.00%	0.00%
Gata3 Gata4	94.17% 99.46%	5.83% 0.54%	89.68% 98.90%	10.32% 1.10%	96.41% 99.29%	3.59% 0.71%	97.54% 98.65%	2.46% 1.35%	96.08% 98.18%	3.92% 1.82%	97.34% 99.25%	2.66% 0.75%
Gata5	98.95%	1.05%	98.60%	1.40%	98.84%	1.16%	99.12%	0.88%	98.80%	1.20%	99.38%	0.62%
Gata6	94.83%	5.17%	94.22%	5.78%	94.79%	5.21%	90.77%	9.23%	94.03%	5.97%	95.65%	4.35%
Gstp1	99.17%	0.83%	99.12%	0.88%	99.24%	0.76%	98.24%	1.76%	99.12%	0.88%	99.55%	0.45%
Hhip Hic1	100.00% 80.83%	0.00% 19.17%	99.98% 82.80%	0.02% 17.20%	100.00% 87.16%	0.00% 12.84%	100.00% 87.72%	0.00% 12.28%	100.00% 83.22%	0.00% 16.78%	99.99% 91.12%	0.01% 8.88%
Hrasis	99.94%	0.06%	99.80%	0.20%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
Igf2	99.43%	0.57%	98.86%	1.14%	99.43%	0.57%	99.25%	0.75%	98.91%	1.09%	99.19%	0.81%
lgfbp3 lgfbp7	99.73% 99.30%	0.27% 0.70%	99.94% 99.25%	0.06% 0.75%	99.88% 99.40%	0.12% 0.60%	99.67% 98.83%	0.33% 1.17%	99.89% 99.43%	0.11% 0.57%	99.97% 99.35%	0.03% 0.65%
Irf1	99.64%	0.36%	99.91%	0.09%	99.87%	0.13%	99.56%	0.44%	99.86%	0.14%	99.90%	0.10%
Jup	99.71%	0.29%	99.87%	0.13%	99.96%	0.04%	99.87%	0.13%	99.68%	0.32%	99.98%	0.02%
Lox Mad2l1	100.00% 99.91%	0.00% 0.09%	99.92% 99.96%	0.08% 0.04%	99.95% 99.93%	0.05% 0.07%	99.71% 99.58%	0.29% 0.42%	99.98% 99.95%	0.02% 0.05%	99.97% 100.00%	0.03% 0.00%
McI1	100.00%	0.00%	99.90%	0.10%	99.93%	0.07%	99.81%	0.19%	100.00%	0.00%	100.00%	0.00%
MIh1 Msh2	99.07%	0.93%	99.39%	0.61%	99.35%	0.65%	99.21%	0.79%	99.06%	0.94%	99.92%	0.08% 0.00%
Msh3	100.00% 99.89%	0.00% 0.11%	100.00% 99.97%	0.00% 0.03%	100.00% 99.98%	0.00% 0.02%	100.00% 99.78%	0.00% 0.22%	100.00% 99.96%	0.00% 0.04%	100.00% 99.99%	0.00%
Myod1	93.78%	6.22%	95.59%	4.41%	97.79%	2.21%	92.29%	7.71%	97.36%	2.64%	97.62%	2.38%
Nae1 Ndrg2	100.00% 99.33%	0.00% 0.67%	100.00% 99.16%	0.00% 0.84%	100.00% 99.20%	0.00% 0.80%	100.00% 98.87%	0.00% 1.13%	99.89% 98.81%	0.11% 1.19%	100.00% 99.36%	0.00% 0.64%
Ndufa13	99.56%	0.44%	45.73%	54.27%	47.53%	52.47%	99.49%	0.51%	99.62%	0.38%	99.52%	0.48%
Ogdhl	99.93%	0.07%	99.82%	0.18%	99.91%	0.09%	99.48%	0.52%	99.53%	0.47%	99.94%	0.06%
Osmr Otud4	99.94% 100.00%	0.06%	100.00%	0.00%	99.96% 100.00%	0.04%	99.90% 99.87%	0.10% 0.13%	100.00% 100.00%	0.00% 0.00%	100.00% 100.00%	0.00% 0.00%
Pou3f1	99.30%	0.70%	99.61%	0.39%	99.64%	0.36%	99.12%	0.13%	99.31%	0.69%	100.00%	0.00%
Prdm2	88.57%	11.43%	92.34%	7.66%	90.91%	9.09%	91.54%	8.46%	89.57%	10.43%	90.81%	9.19%
Prdm5 Pten	99.45% 99.85%	0.55% 0.15%	98.35% 99.92%	1.65% 0.08%	99.75% 100.00%	0.25% 0.00%	99.75% 100.00%	0.25% 0.00%	99.86% 100.00%	0.14% 0.00%	99.50% 100.00%	0.50% 0.00%
Ptpro	99.85%	0.15%	99.92%	0.08%	100.00%	0.00%	99.93%	0.00%	100.00%	0.00%	99.93%	0.00%
Rad23a	99.97%	0.03%	99.92%	0.08%	99.99%	0.01%	99.77%	0.23%	99.85%	0.15%	99.97%	0.03%
Rarb Rasl10a	97.42% 99.73%	2.58% 0.27%	99.31% 99.90%	0.69% 0.10%	99.40% 99.67%	0.60% 0.33%	97.95% 99.59%	2.05% 0.41%	99.16% 99.54%	0.84% 0.46%	99.89% 99.85%	0.11% 0.15%
Rassf1	99.12%	0.27%	99.53%	0.47%	99.37%	0.63%	99.12%	0.41%	98.97%	1.03%	99.64%	0.36%
Rassf3	99.73%	0.27%	99.74%	0.26%	99.88%	0.12%	99.79%	0.21%	99.82%	0.18%	99.77%	0.23%
Rassf4 Rassf5	98.97% 100.00%	1.03% 0.00%	98.31% 99.90%	1.69% 0.10%	99.33% 99.97%	0.67% 0.03%	99.43% 99.68%	0.57% 0.32%	98.69% 99.60%	1.31% 0.40%	99.33% 99.83%	0.67% 0.17%
Rbp1	99.86%	0.00%	99.88%	0.10%	99.96%	0.04%	99.68%	0.31%	99.80%	0.40%	99.83%	0.05%
Rein	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	99.98%	0.02%	100.00%	0.00%	100.00%	0.00%
Rprm Rps15	100.00% 99.59%	0.00% 0.41%	100.00% 99.60%	0.00%	100.00% 99.75%	0.00% 0.25%	99.67% 99.29%	0.33% 0.71%	100.00% 99.08%	0.00% 0.92%	100.00% 99.75%	0.00% 0.25%
Sema3b	99.59%	0.41%	99.80%	0.40%	99.75%	0.25%	98.86%	1.14%	99.08%	0.39%	99.75%	0.46%
Sfrp1	100.00%	0.00%	99.92%	0.08%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	0.00%
Sfrp2 Sfrp4	99.88% 99.21%	0.12% 0.79%	99.83% 99.62%	0.17% 0.38%	99.99% 99.76%	0.01% 0.24%	99.86% 98.79%	0.14% 1.21%	99.99% 99.04%	0.01% 0.96%	100.00% 99.87%	0.00%
Sfrp4 Sfrp5	100.00%	0.79%	99.62%	0.38%	99.76%	0.24%	98.79%	1.21% 0.13%	99.04% 99.92%	0.96%	99.87%	0.13% 0.07%
Socs1	98.47%	1.53%	98.68%	1.32%	99.21%	0.79%	99.24%	0.76%	98.24%	1.76%	99.53%	0.47%
Socs3	99.59%	0.41%	99.23%	0.77%	99.55%	0.45%	99.05%	0.95%	99.13%	0.87%	99.88%	0.12%
Socs4 Socs5	100.00% 100.00%	0.00%	100.00% 99.98%	0.00% 0.02%	99.96% 99.94%	0.04% 0.06%	100.00% 99.96%	0.00% 0.04%	99.88% 100.00%	0.12% 0.00%	99.94% 100.00%	0.06% 0.00%
Spint2	99.93%	0.07%	100.00%	0.00%	100.00%	0.00%	99.92%	0.08%	99.92%	0.08%	100.00%	0.00%
Spry2	99.85%	0.15%	99.47%	0.53%	100.00%	0.00%		0.12%	99.75%	0.25%	99.89%	0.11%
Spry4 Timp3	100.00% 99.44%	0.00% 0.56%	100.00% 98.49%	0.00% 1.51%	100.00% 99.76%	0.00% 0.24%	100.00% 98.04%	0.00% 1.96%	100.00% 99.36%	0.00% 0.64%	100.00% 99.78%	0.00% 0.22%
Vcan	99.93%	0.07%	99.93%	0.07%	100.00%	0.00%	99.73%	0.27%	99.78%	0.22%	100.00%	0.00%
Wif1	99.84%	0.16%	99.74%	0.26%	99.80%	0.20%	99.67%	0.33%	99.86%	0.14%	99.94%	0.06%
Wt1	98.80%	1.20%	97.54%	2.46%	99.63%	0.37%	99.35%	0.65%	99.44%	0.56%	99.82%	0.18%