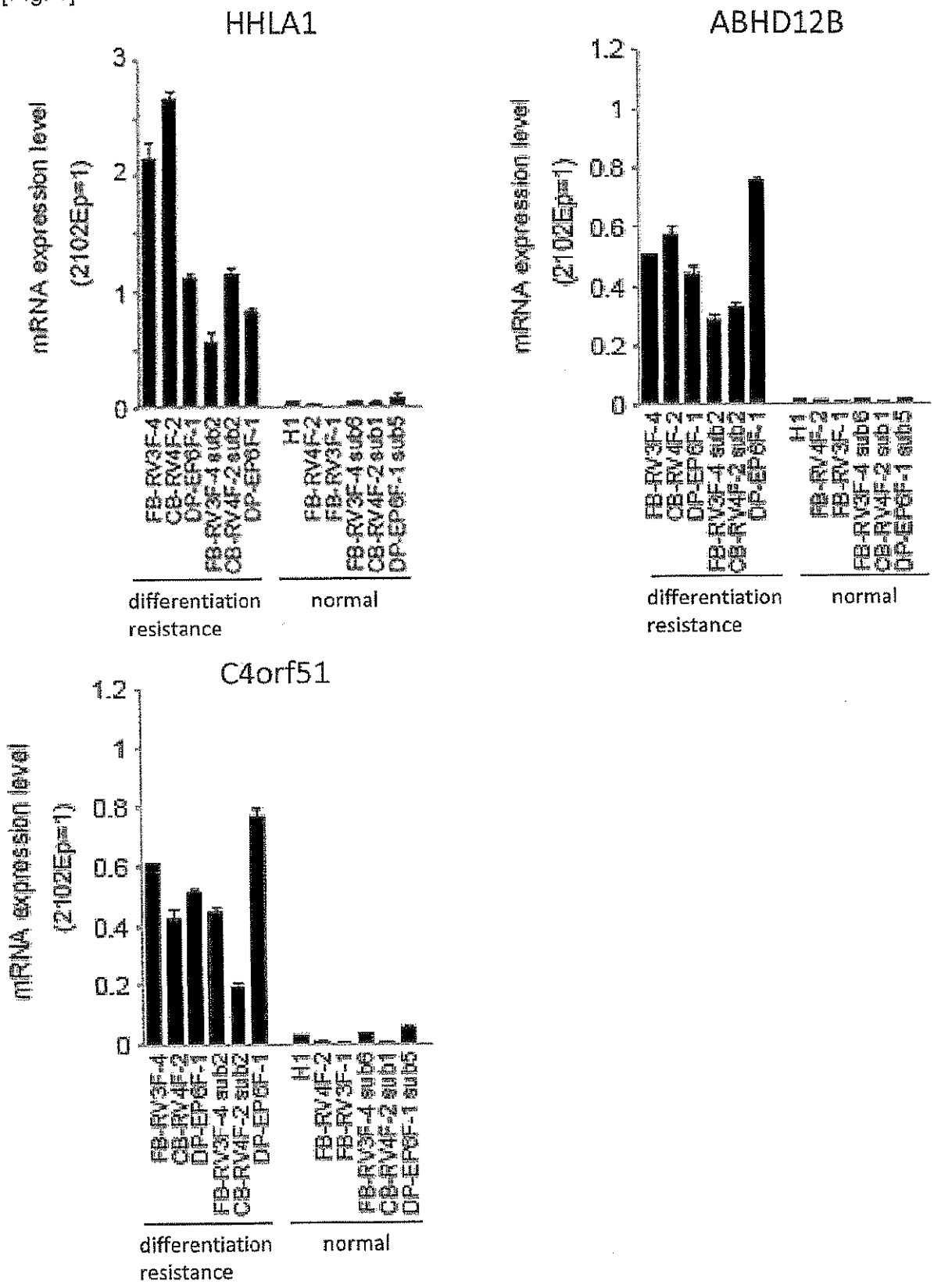
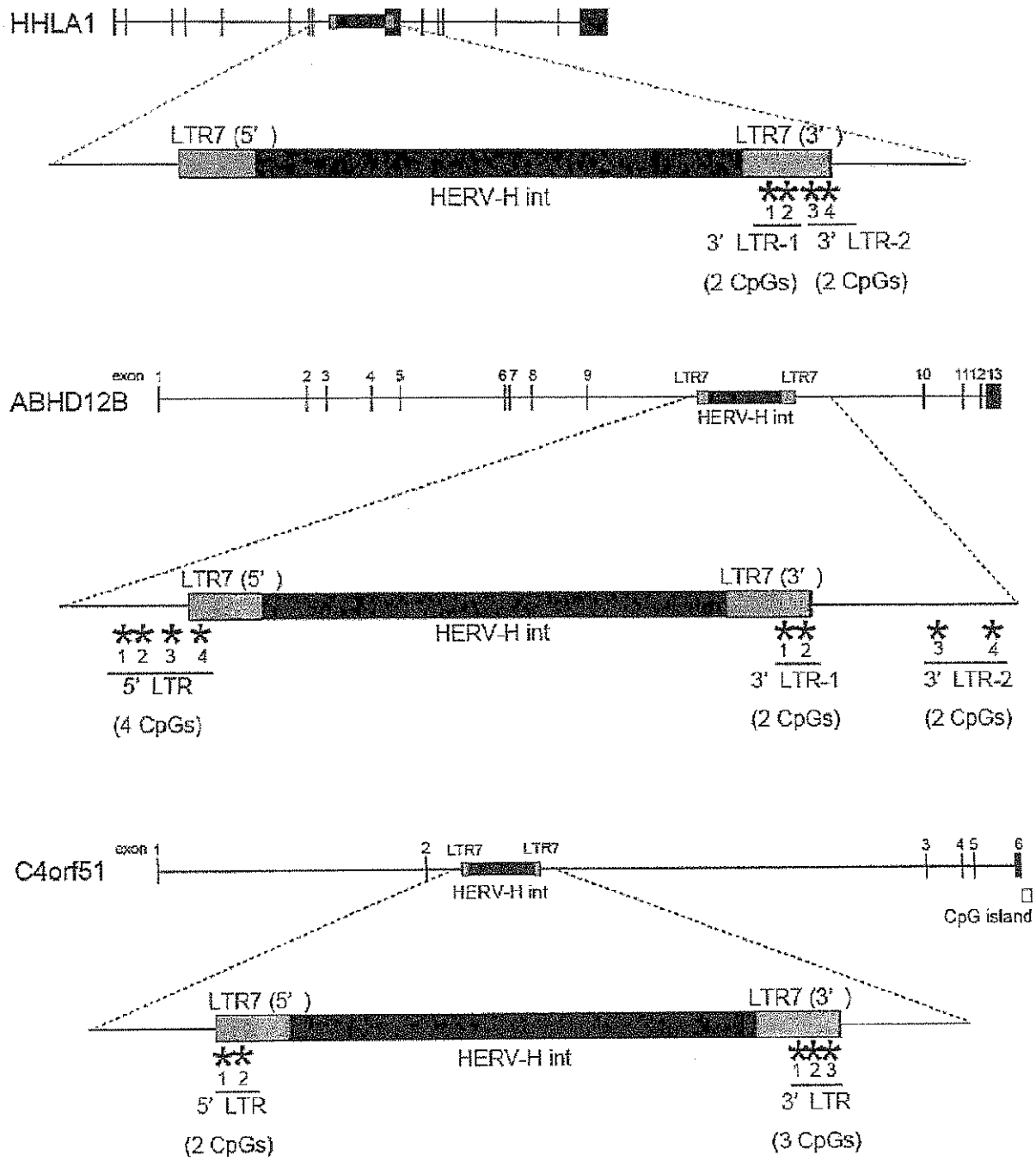
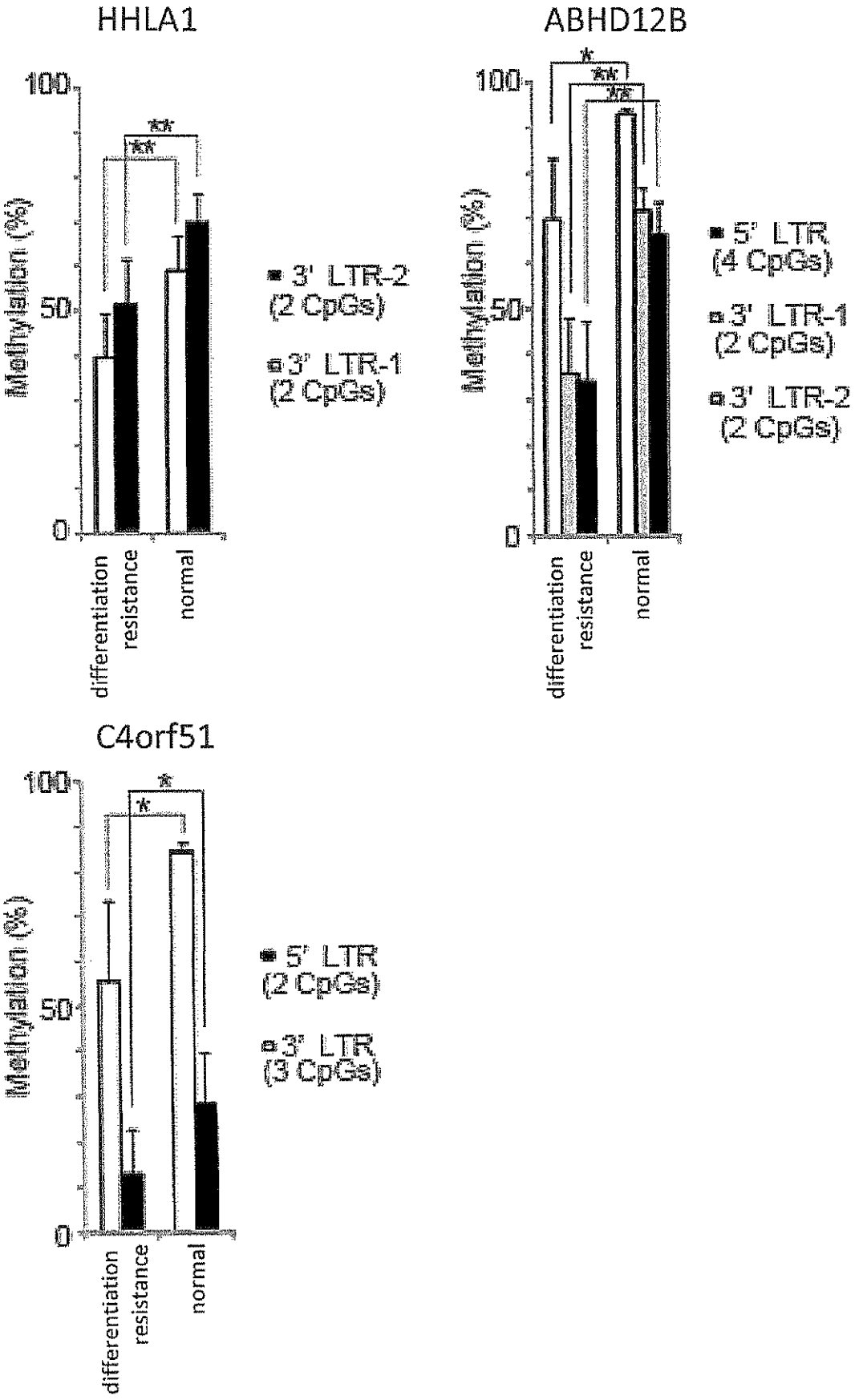
[Fig. 1]


HHLA1
mRNA expression level
(2102Ep=1)
3
2
1
0
FB-RV3F-4
CB-RV4F-2
DP-EP6F-1
FB-RV3F-4 sub2
CB-RV4F-2 sub2
DP-EP6F-1
H1
FB-RV4F-2
FB-RV3F-1
FB-RV3F-4 sub6
CB-RV4F-2 sub1
DP-EP6F-1 sub5
differentiation resistance
normal
ABHD12B
mRNA expression level
(2102Ep=1)
1.2
1
0.8
0.6
0.4
0.2
0
FB-RV3F-4
CB-RV4F-2
DP-EP6F-1
FB-RV3F-4 sub2
CB-RV4F-2 sub2
DP-EP6F-1
H1
FB-RV4F-2
FB-RV3F-1
FB-RV3F-4 sub6
CB-RV4F-2 sub1
DP-EP6F-1 sub5
differentiation resistance
normal
C4orf51
mRNA expression level
(2102Ep=1)
1.2
1
0.8
0.6
0.4
0.2
0
FB-RV3F-4
CB-RV4F-2
DP-EP6F-1
FB-RV3F-4 sub2
CB-RV4F-2 sub2
DP-EP6F-1
H1
FB-RV4F-2
FB-RV3F-1
FB-RV3F-4 sub6
CB-RV4F-2 sub1
DP-EP6F-1 sub5
differentiation resistance
normal

[Fig. 2]


HHLA1
LTR7 (5')
LTR7 (3')
HERV-H int
1 2 3 4
3' LTR-1 3' LTR-2
(2 CpGs) (2 CpGs)
ABHD12B
exon 1 2 3 4 5 6 7 8 9 LTR7 LTR7 10 11 12 13
HERV-H int
LTR7 (5')
LTR7 (3')
HERV-H int
1 2 3 4
5' LTR
(4 CpGs)
1 2
3' LTR-1
(2 CpGs)
3 4
3' LTR-2
(2 CpGs)
C4orf51
exon 1 2 LTR7 LTR7 3 4 5 6
HERV-H int
CpG island
LTR7 (5')
LTR7 (3')
1 2
5' LTR
(2 CpGs)
HERV-H int
1 2 3
3' LTR
(3 CpGs)

[Fig. 3]


HHLA1
100
50
0
Methylation (%)
differentiation resistance
normal
3' LTR-2 (2 CpGs)
3' LTR-1 (2 CpGs)
ABHD12B
5' LTR (4 CpGs)
3' LTR-1 (2 CpGs)
3' LTR-2 (2 CpGs)
C4orf51
5' LTR (2 CpGs)
3' LTR (3 CpGs)