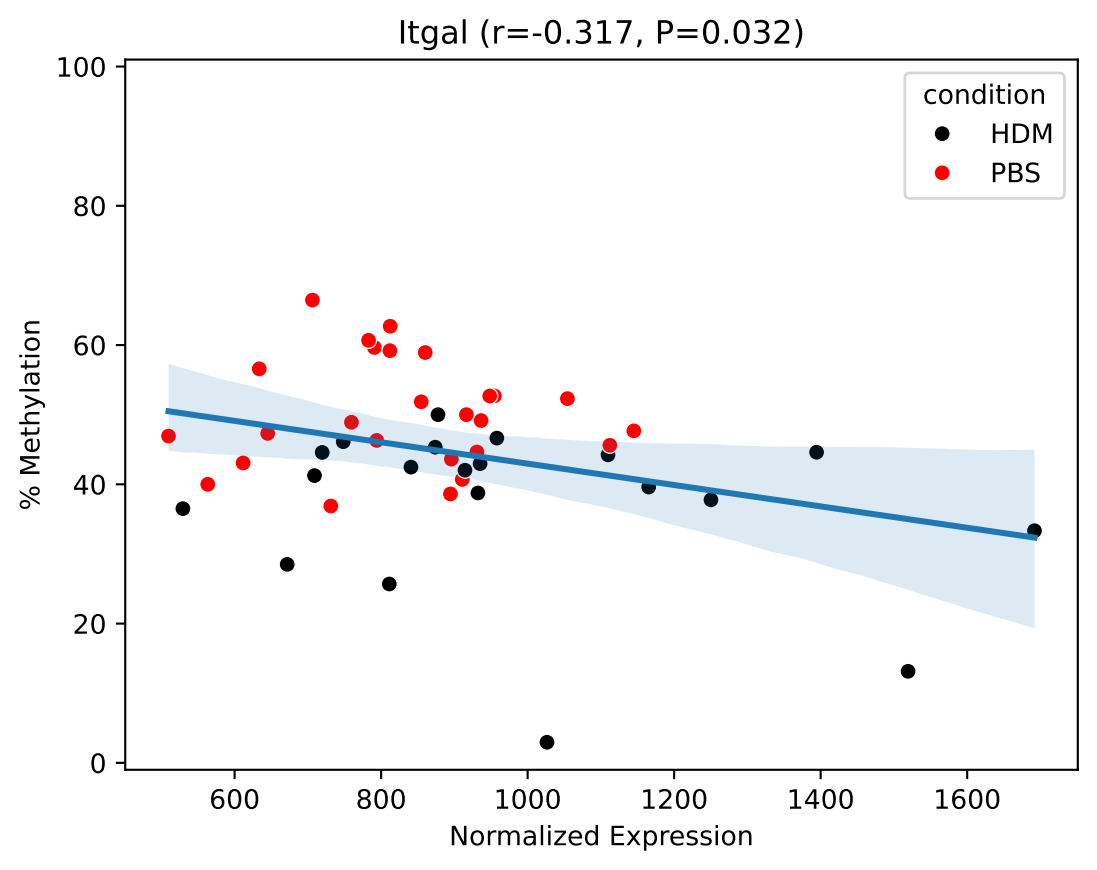
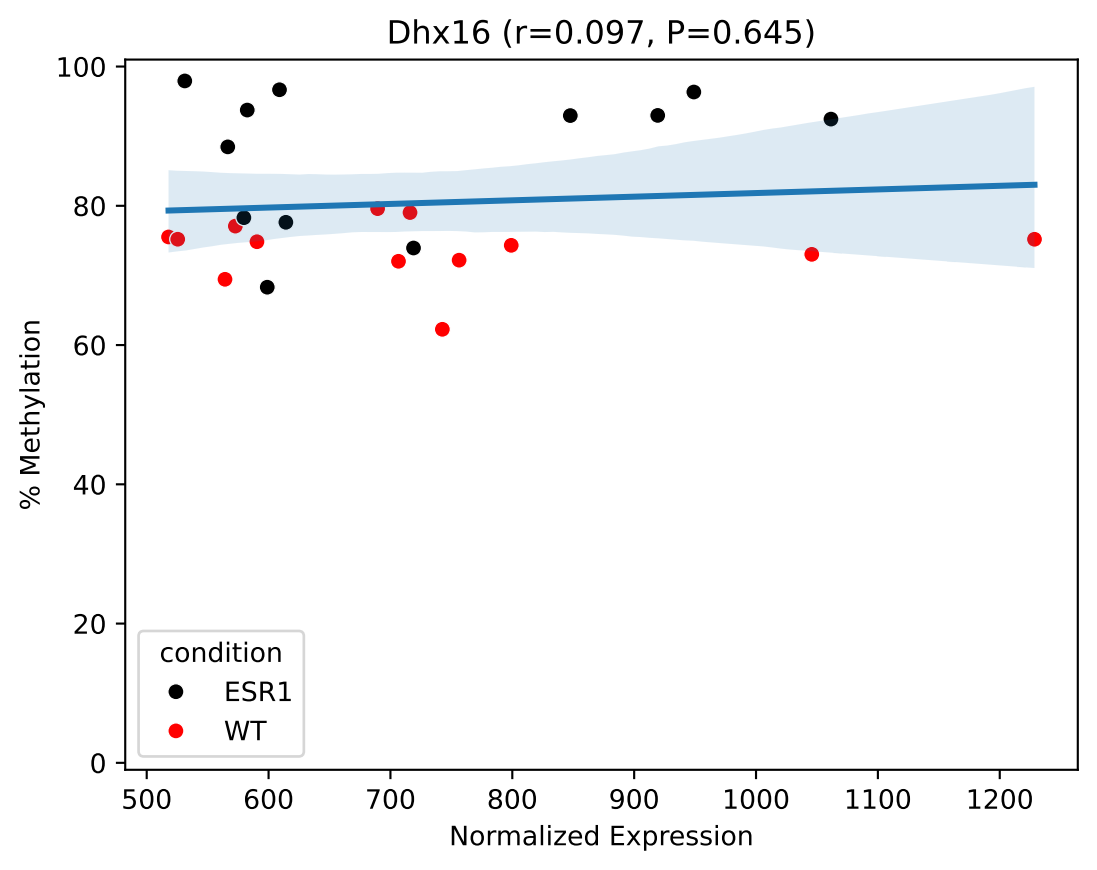
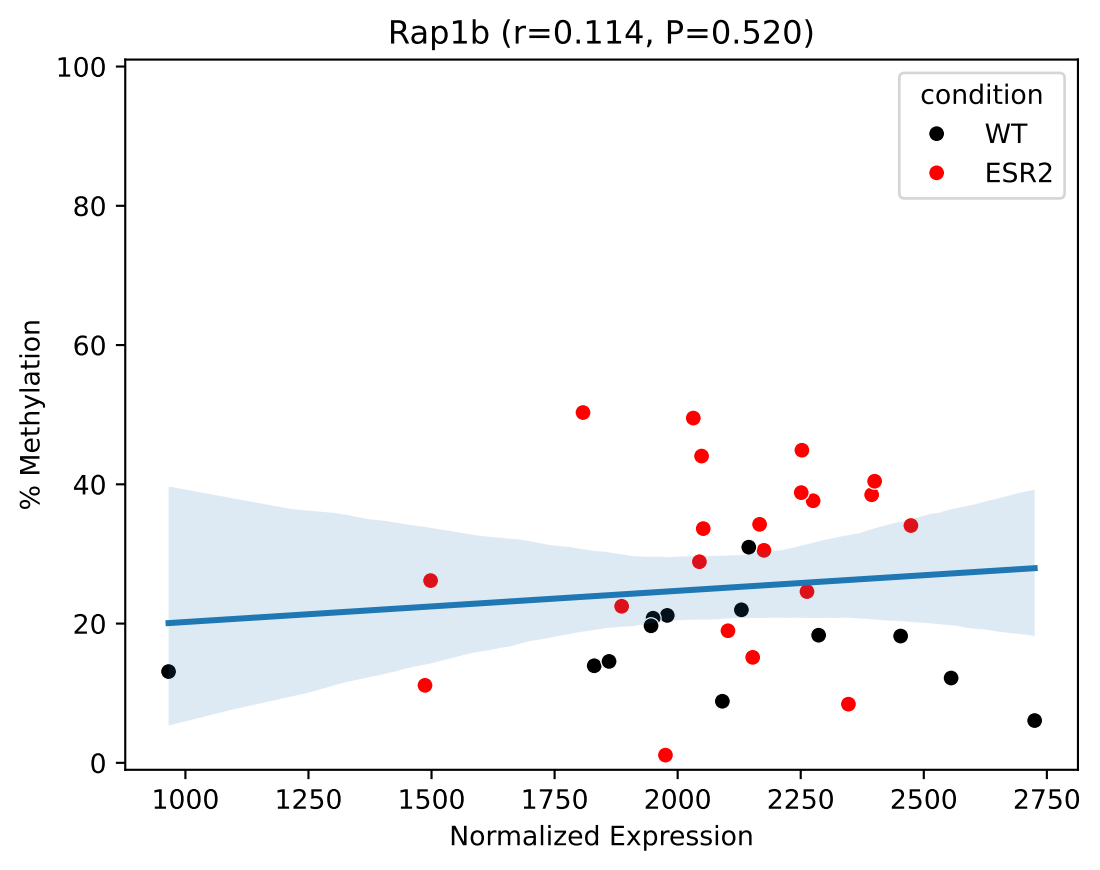
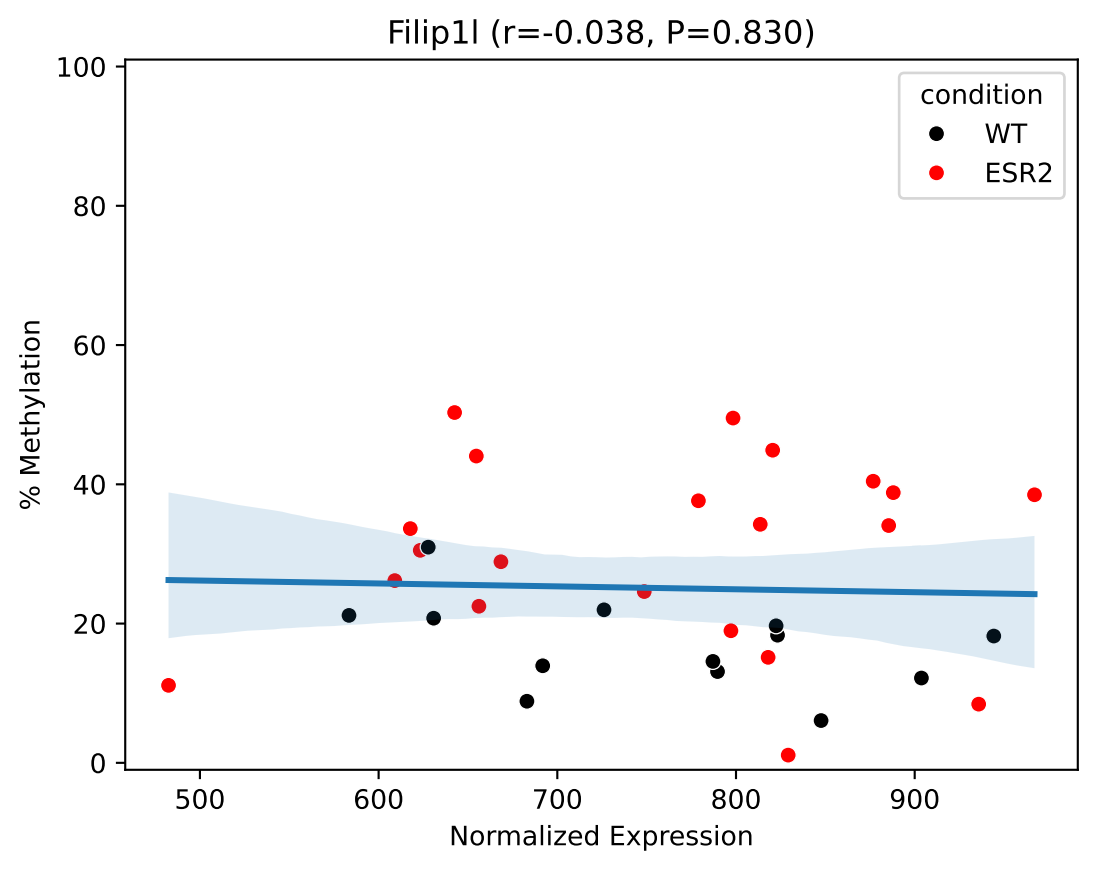
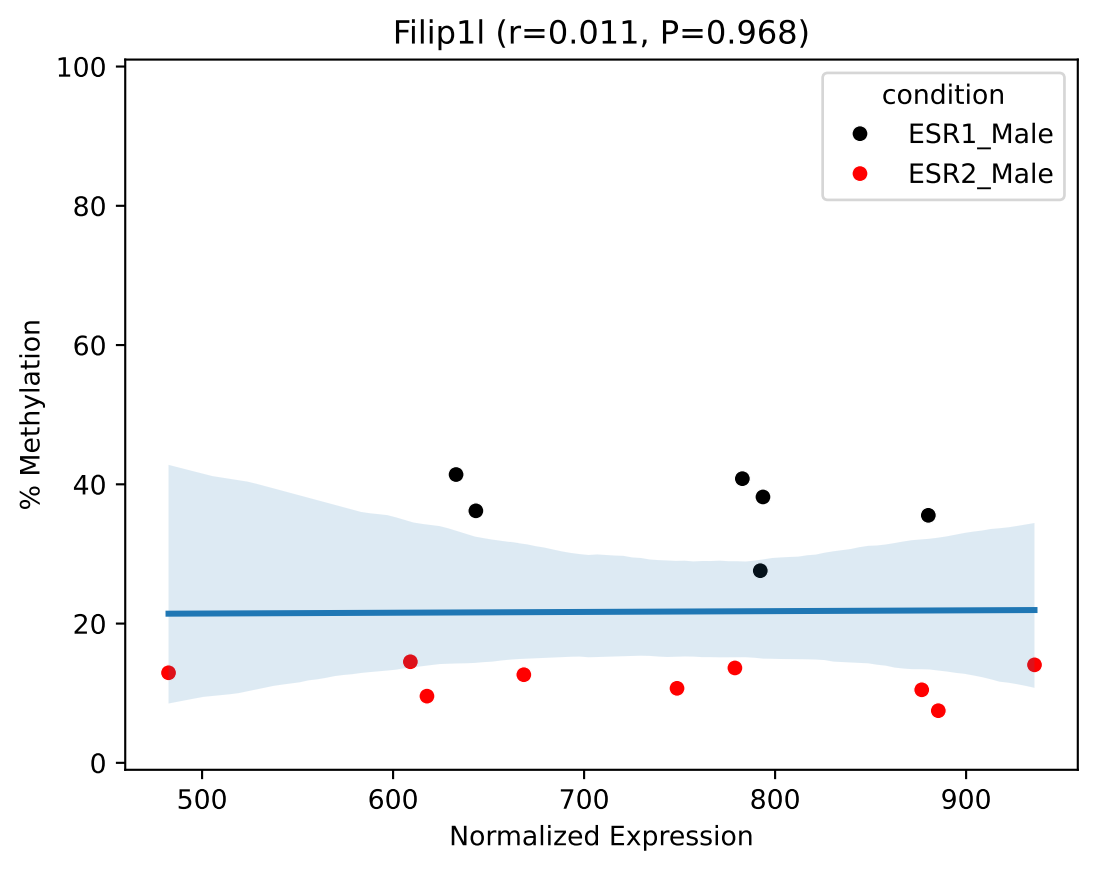
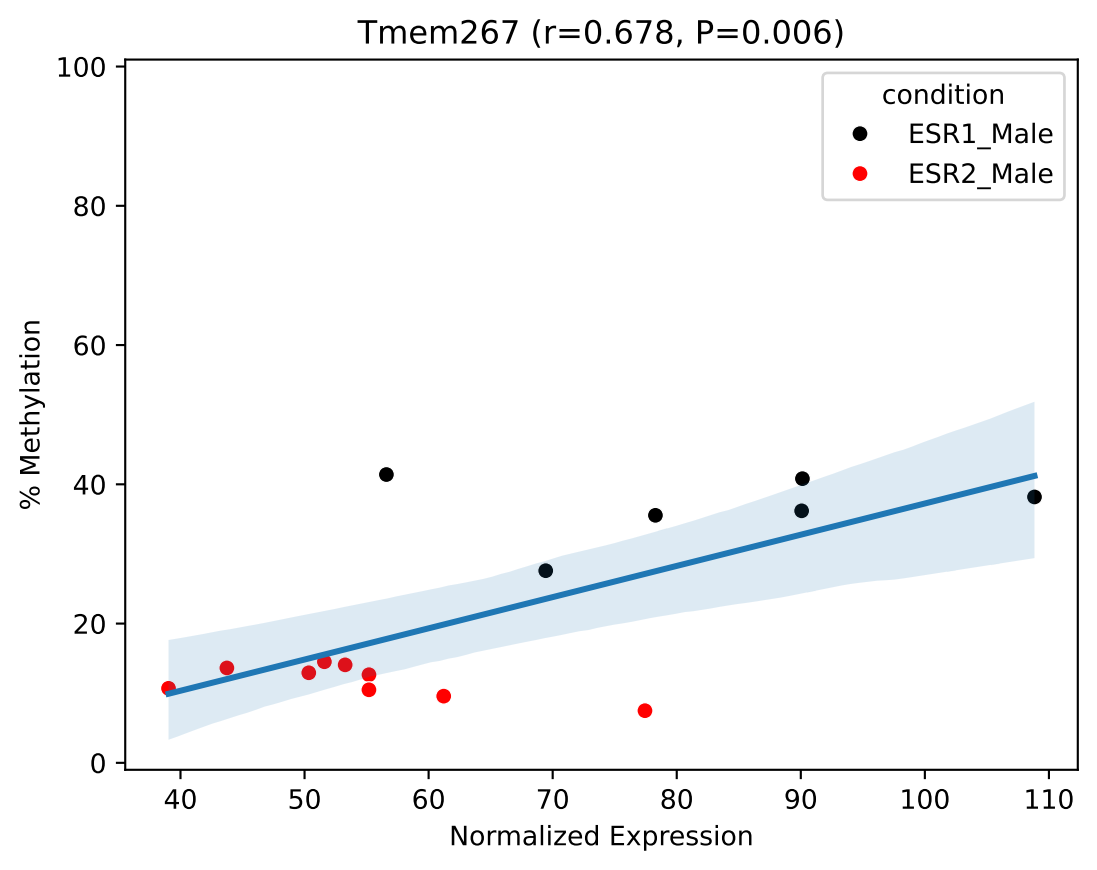

Itgal (r=-0.317, P=0.032)
condition
HDM
PBS
% Methylation
Normalized Expression
100
80
60
40
20
0
600
800
1000
1200
1400
1600

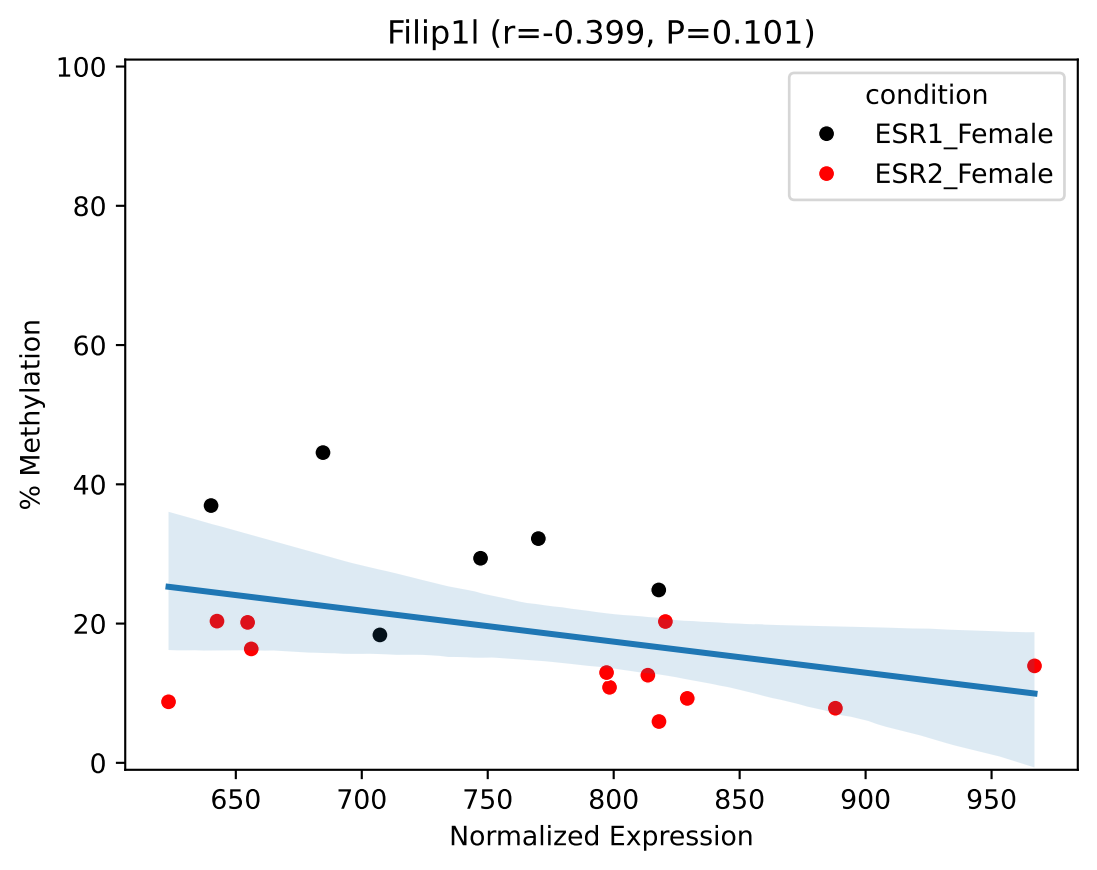

Dhx16 (r=0.097, P=0.645)
% Methylation
Normalized Expression
condition
ESR1
WT
100
80
60
40
20
0
500
600
700
800
900
1000
1100
1200

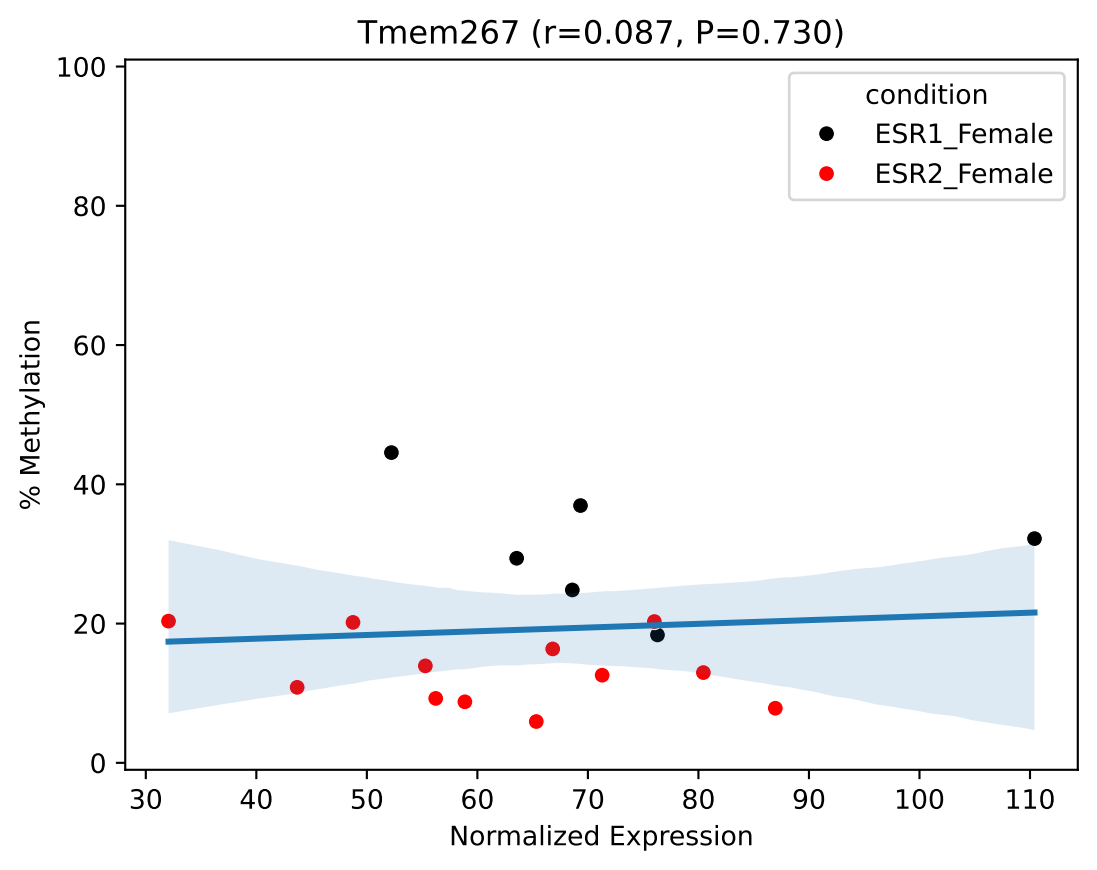

Rap1b (r=0.114, P=0.520)
condition
WT
ESR2
% Methylation
Normalized Expression
100
80
60
40
20
0
1000
1250
1500
1750
2000
2250
2500
2750

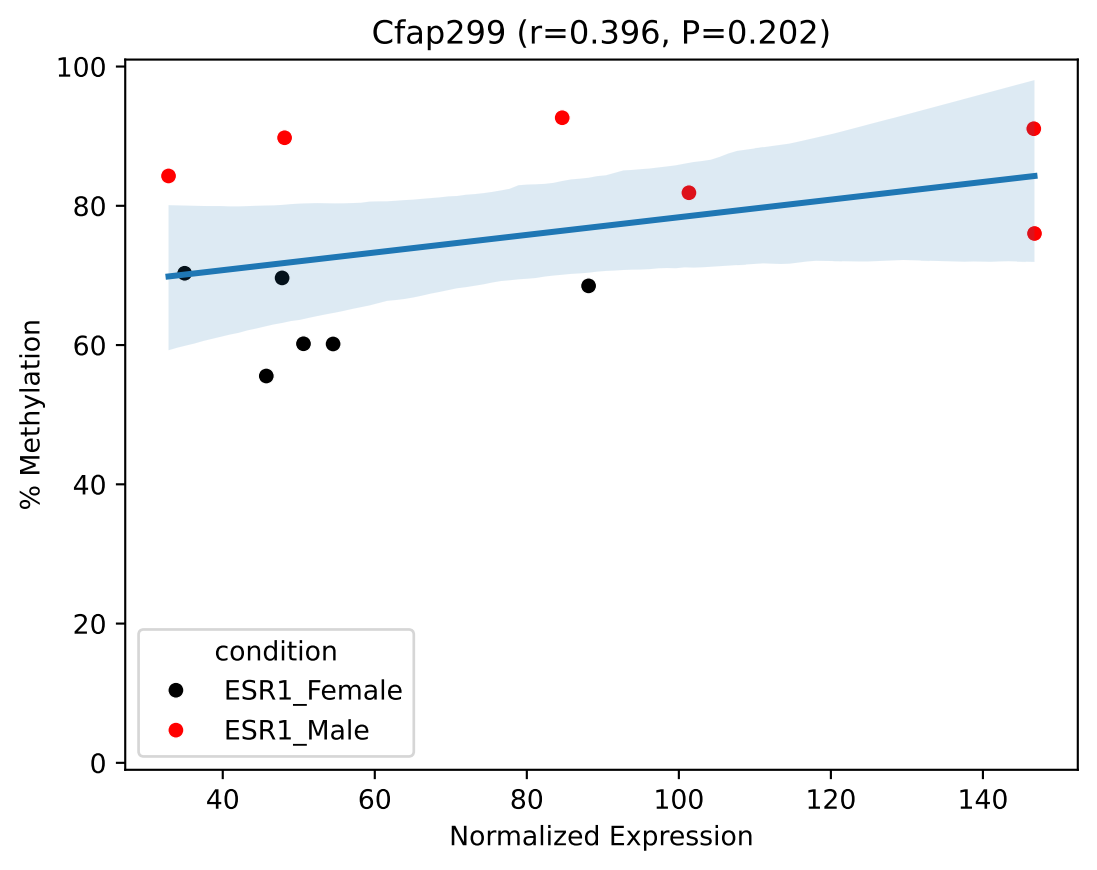

Filip1l (r=-0.038, P=0.830)
condition
WT
ESR2
% Methylation
Normalized Expression
100
80
60
40
20
0
500
600
700
800
900

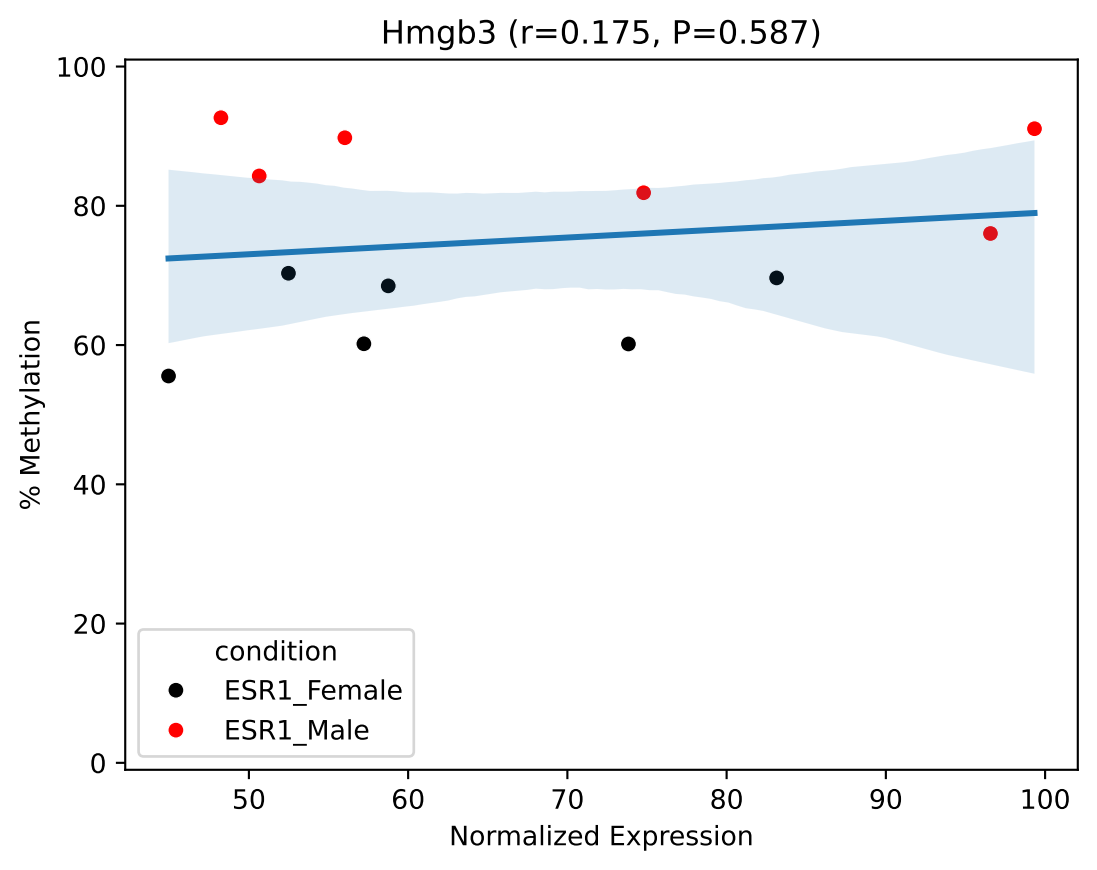

Filip1l (r=0.011, P=0.968)
condition
ESR1_Male
ESR2_Male
% Methylation
Normalized Expression
0
20
40
60
80
100
500
600
700
800
900

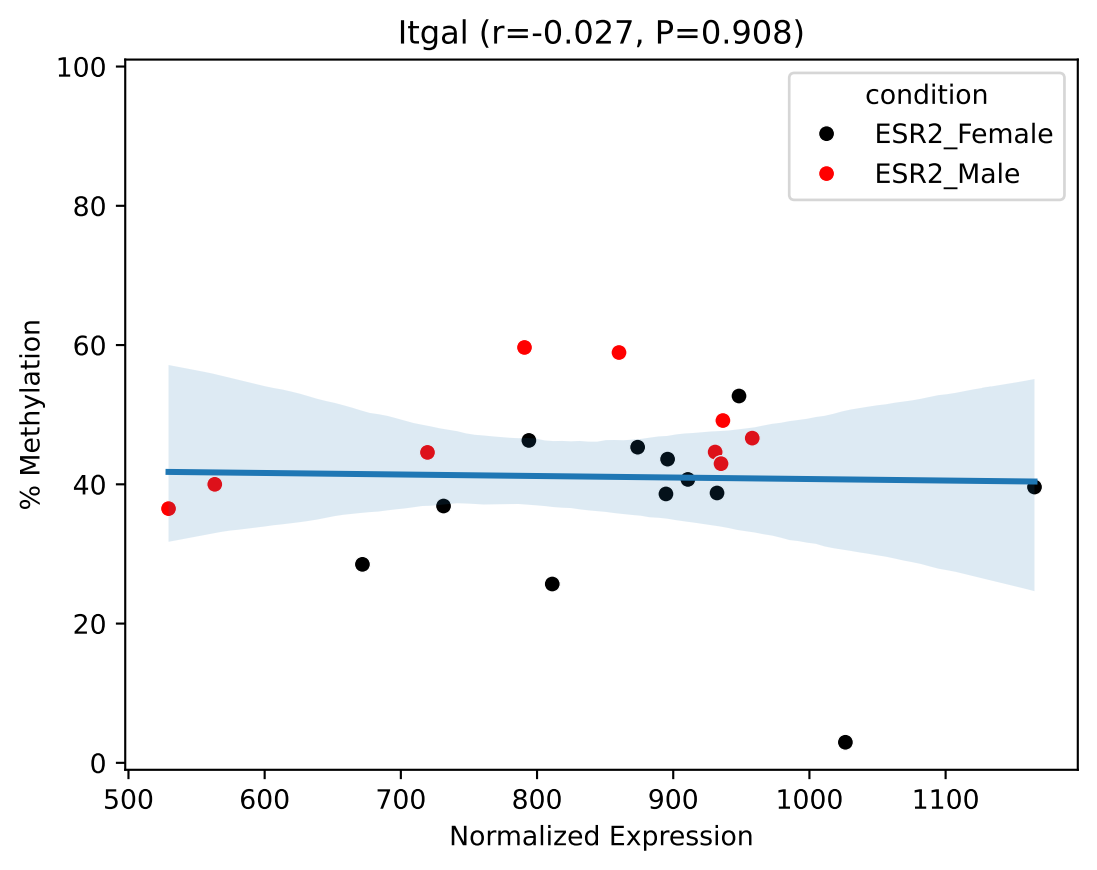

Tmem267 (r=0.678, P=0.006)
condition
ESR1_Male
ESR2_Male
% Methylation
Normalized Expression
0
20
40
60
80
100
40
50
60
70
80
90
100
110

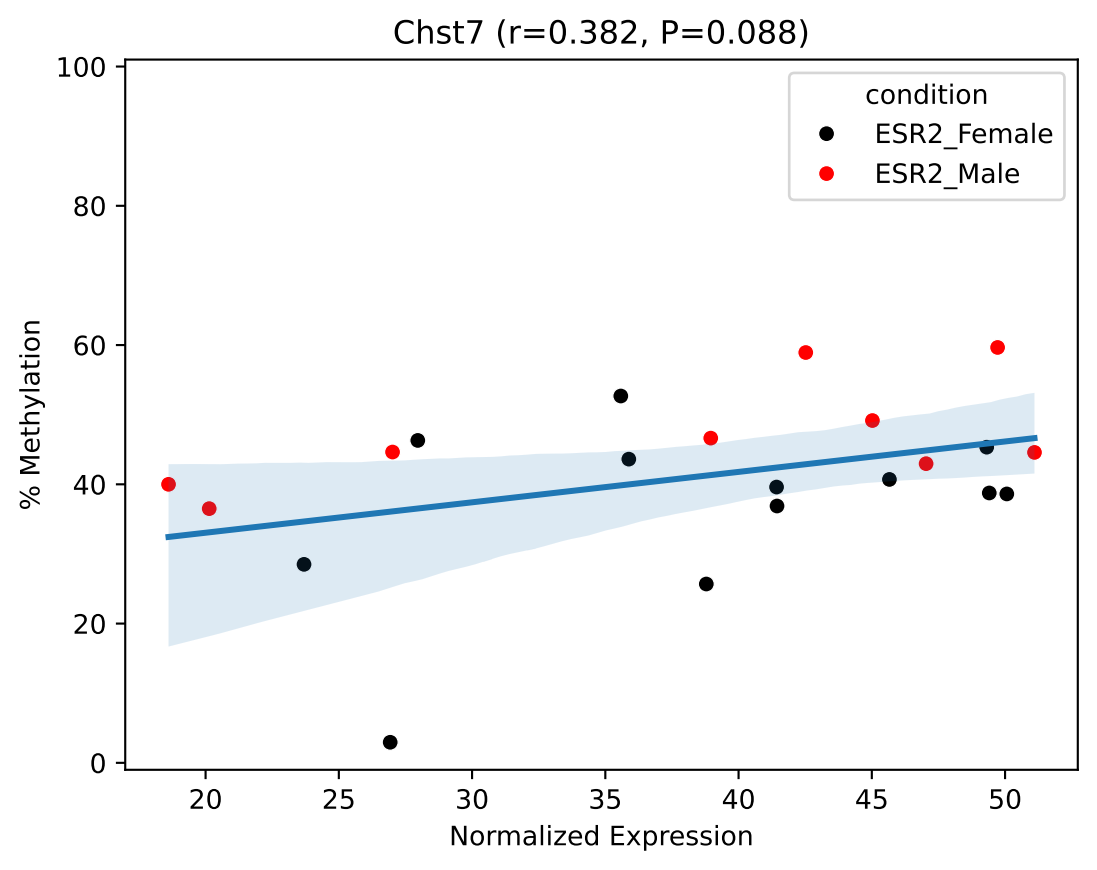

Filip1l (r=-0.399, P=0.101)
condition
ESR1_Female
ESR2_Female
% Methylation
Normalized Expression
0
20
40
60
80
100
650
700
750
800
850
900
950

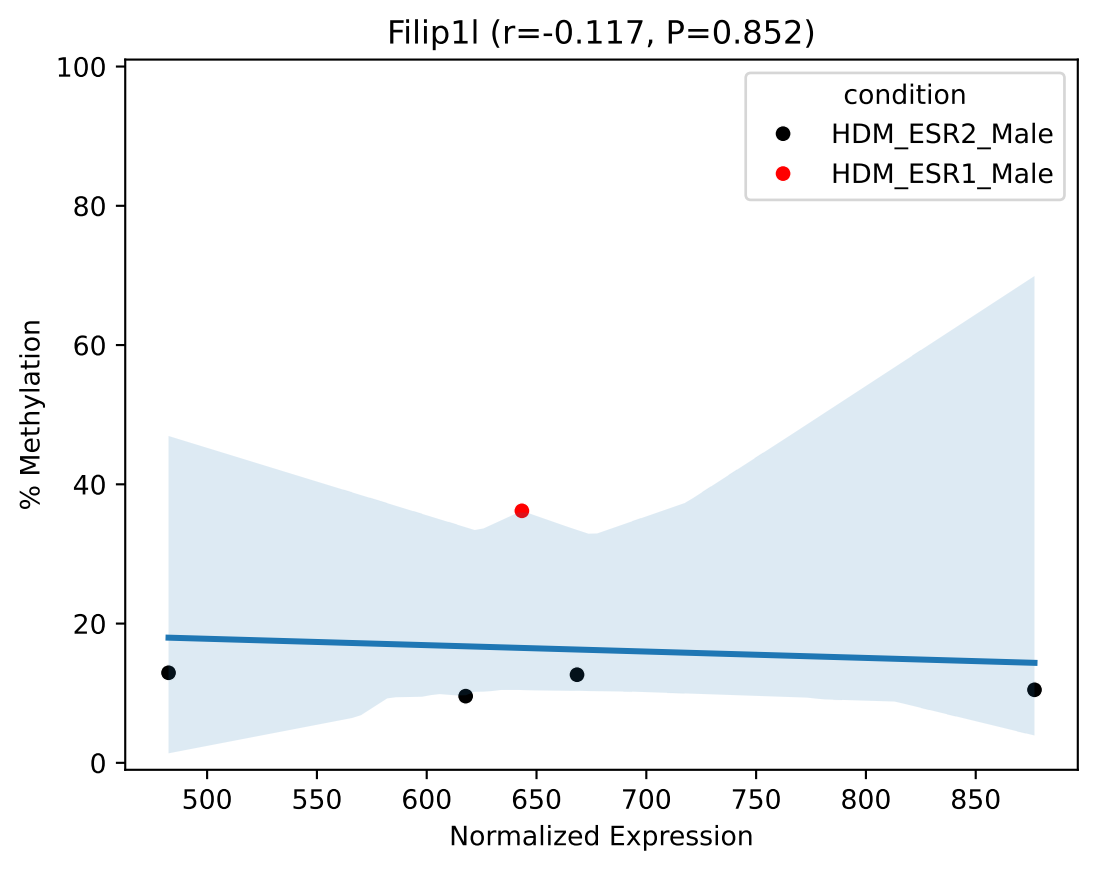

Tmem267 (r=0.087, P=0.730)
condition
ESR1_Female
ESR2_Female
% Methylation
Normalized Expression
0
20
40
60
80
100
30
40
50
60
70
80
90
100
110

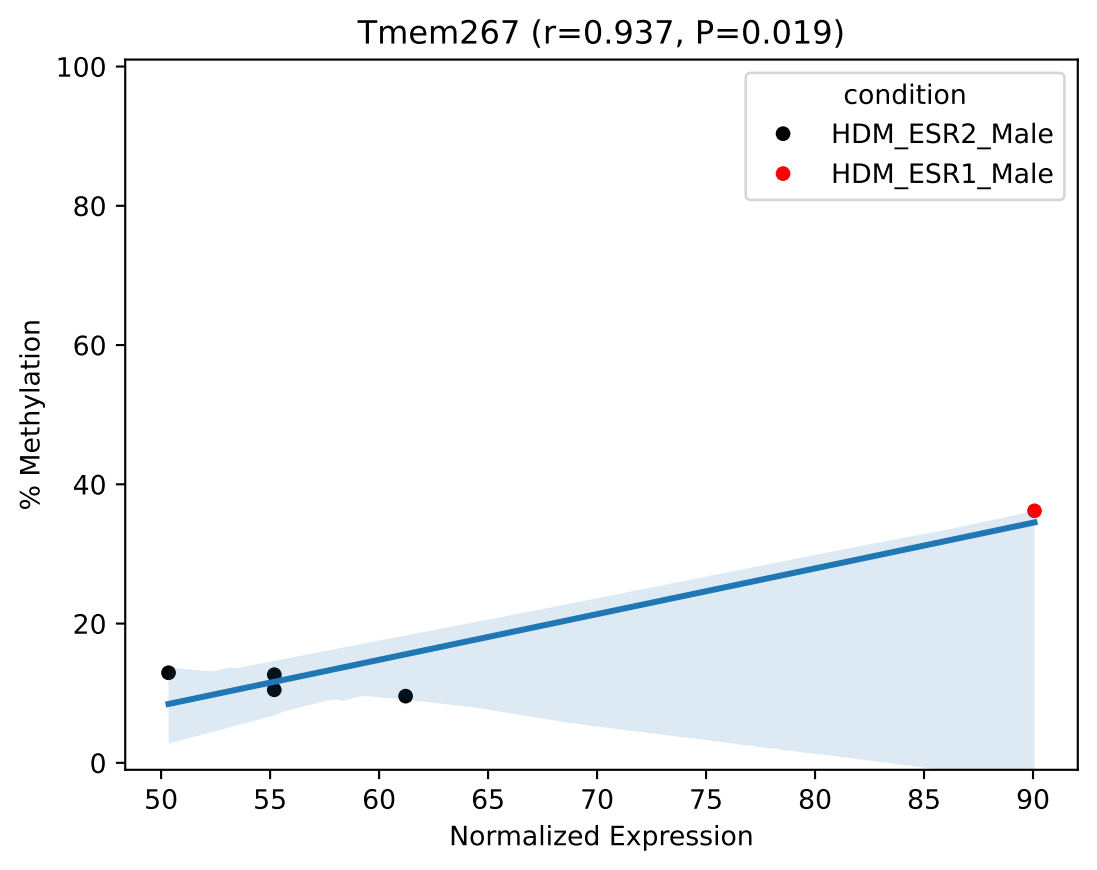

Cfap299 (r=0.396, P=0.202)
% Methylation
Normalized Expression
condition
ESR1_Female
ESR1_Male
0
20
40
60
80
100
40
60
80
100
120
140

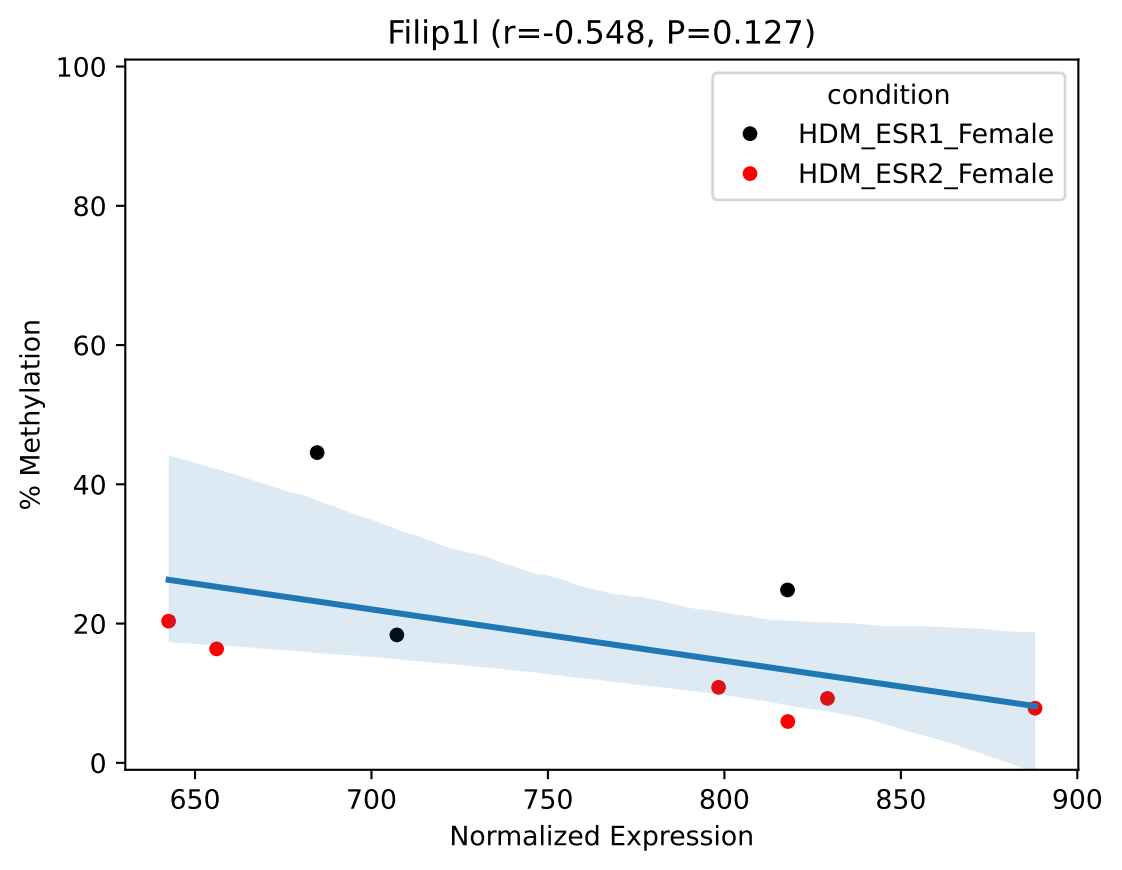

Hmgb3 (r=0.175, P=0.587)
% Methylation
Normalized Expression
condition
ESR1_Female
ESR1_Male
100
80
60
40
20
0
50
60
70
80
90
100

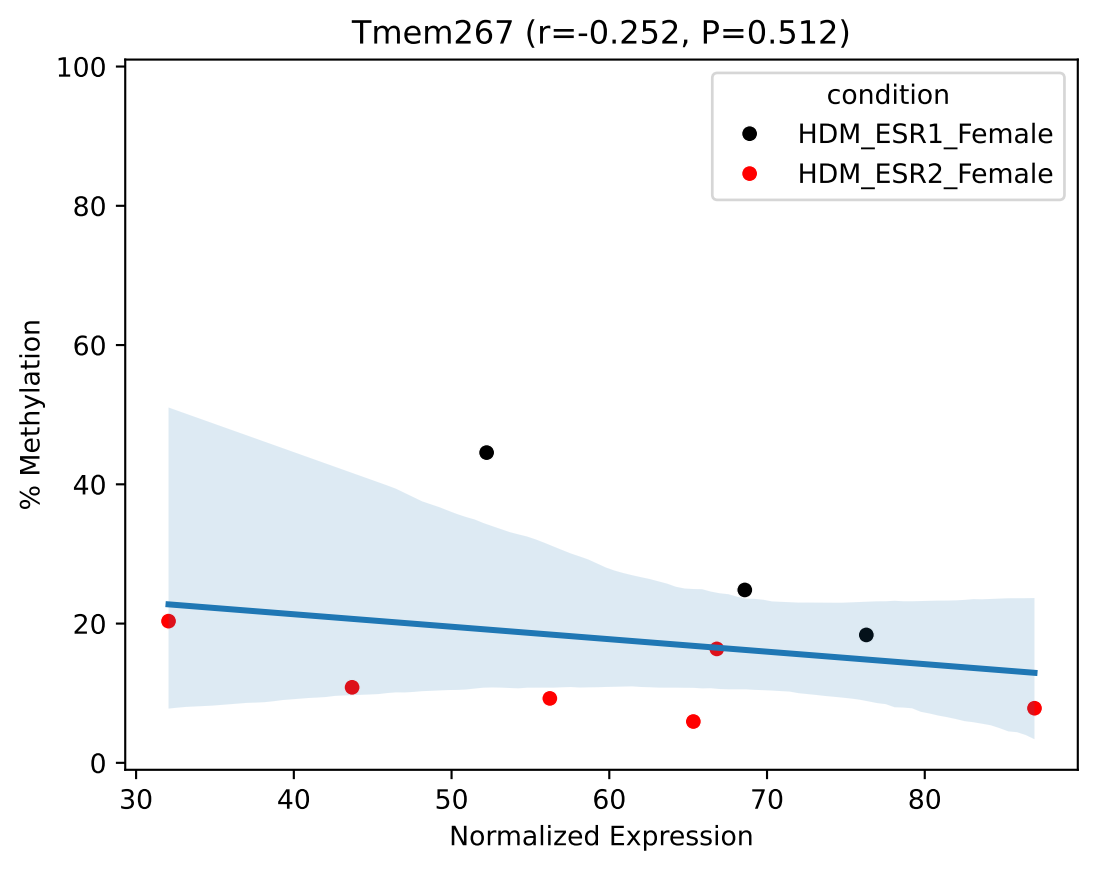

Itgal (r=-0.027, P=0.908)
condition
ESR2_Female
ESR2_Male
% Methylation
Normalized Expression
0
20
40
60
80
100
500
600
700
800
900
1000
1100

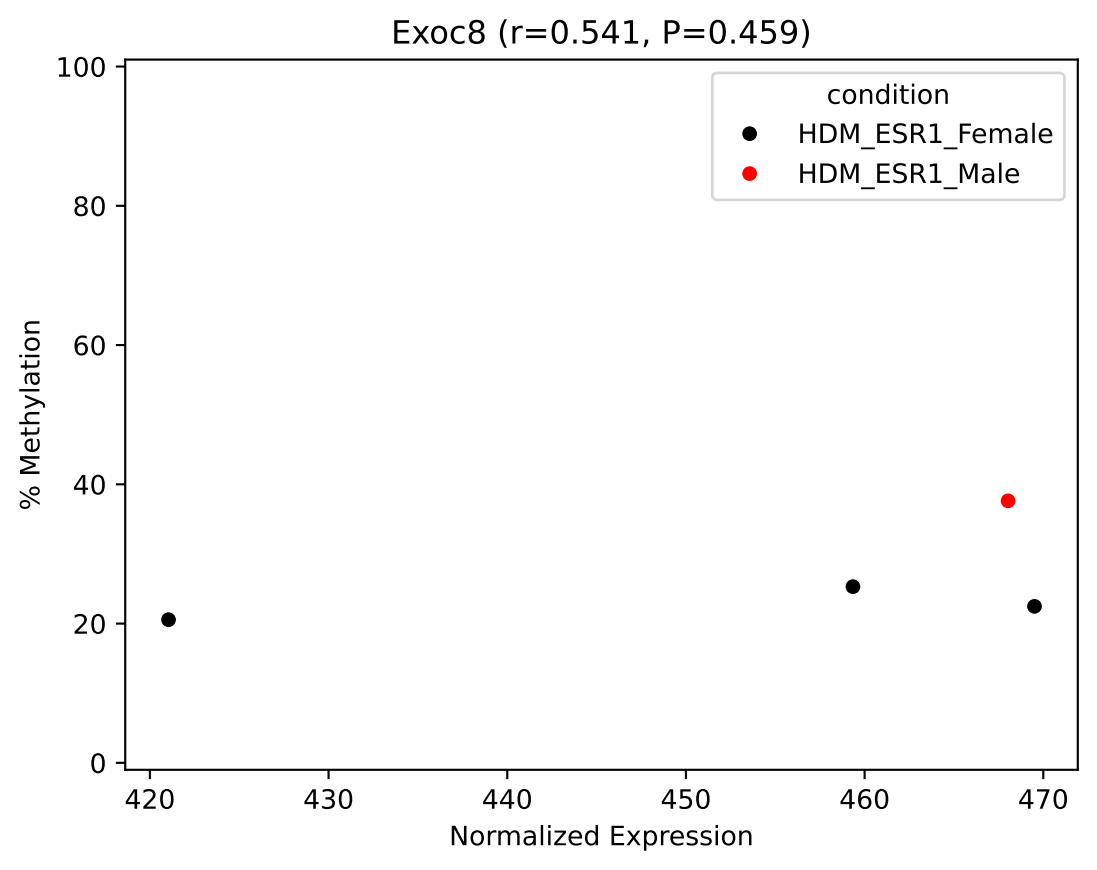

Chst7 (r=0.382, P=0.088)
condition
ESR2_Female
ESR2_Male
% Methylation
Normalized Expression
0
20
40
60
80
100
20
25
30
35
40
45
50

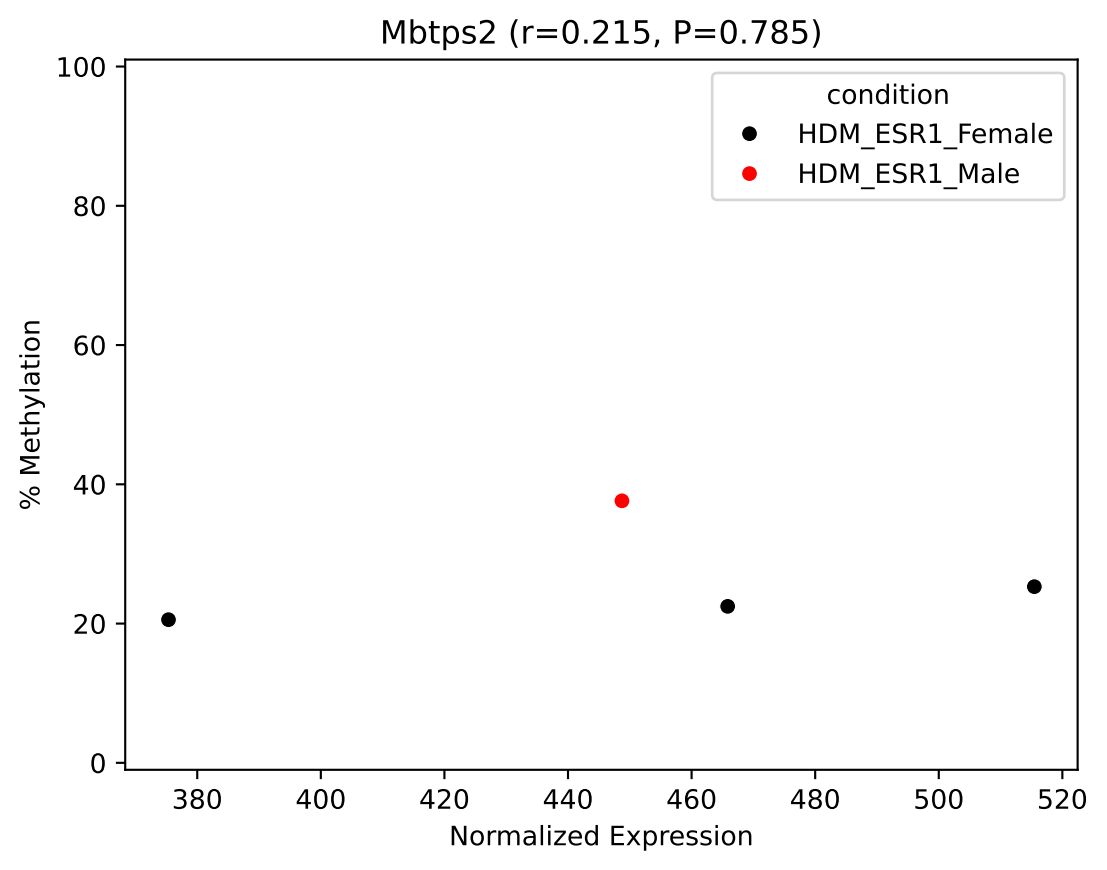

Filip1l (r=-0.117, P=0.852)
condition
HDM_ESR2_Male
HDM_ESR1_Male
% Methylation
Normalized Expression
0
20
40
60
80
100
500
550
600
650
700
750
800
850

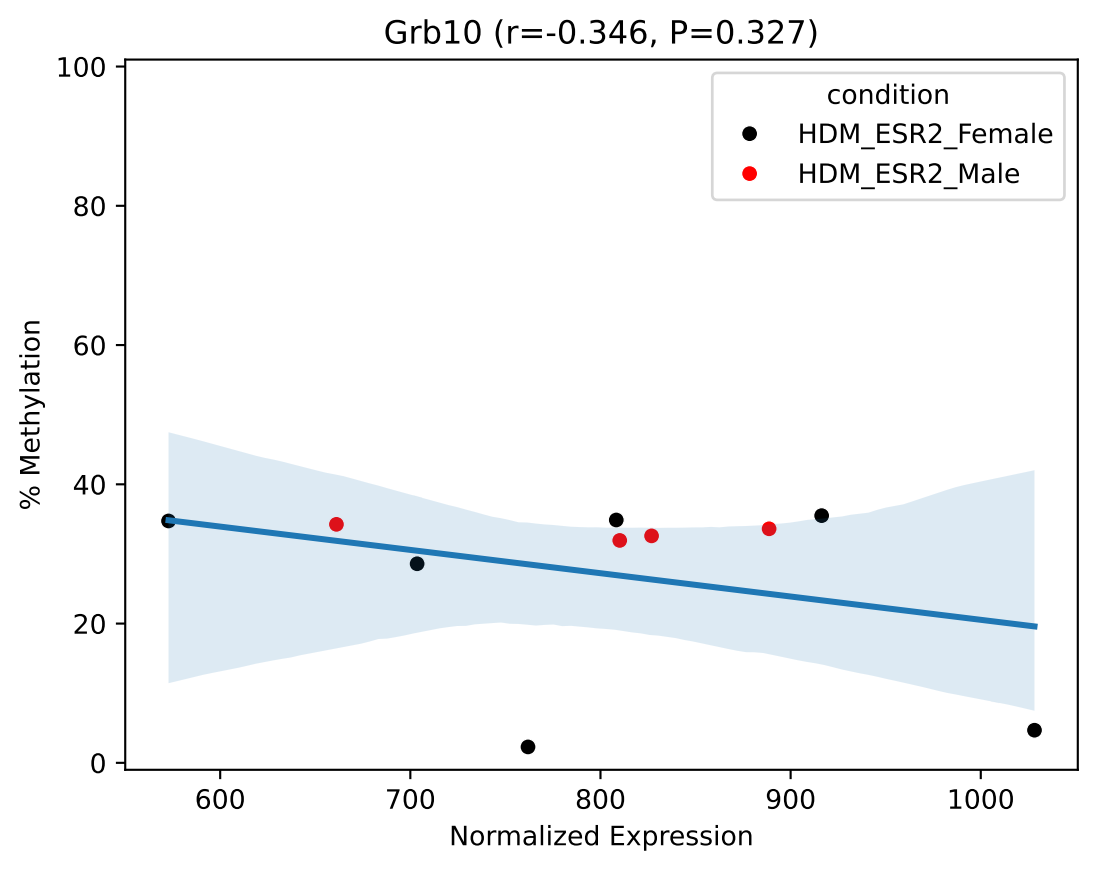

Tmem267 (r=0.937, P=0.019)
condition
HDM_ESR2_Male
HDM_ESR1_Male
% Methylation
Normalized Expression
100
80
60
40
20
0
50
55
60
65
70
75
80
85
90

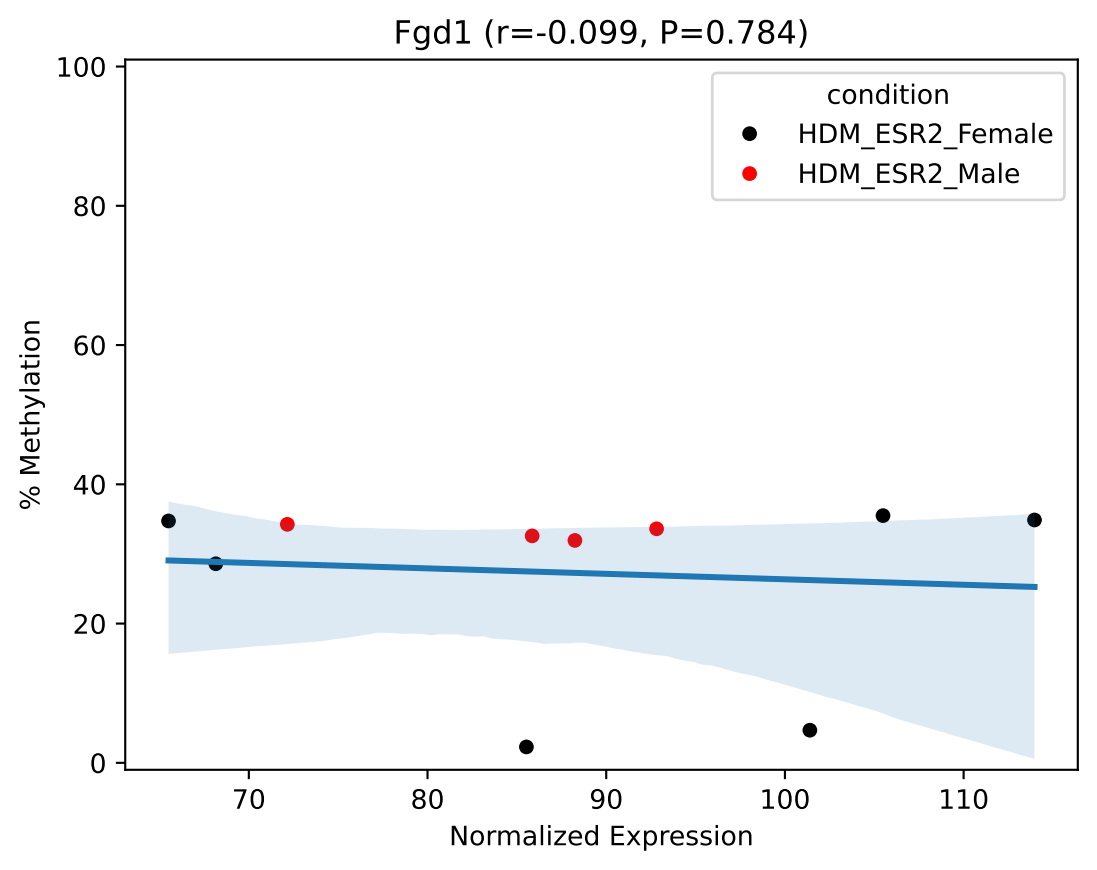

Filip1l (r=-0.548, P=0.127)
condition
HDM_ESR1_Female
HDM_ESR2_Female
% Methylation
Normalized Expression
0
20
40
60
80
100
650
700
750
800
850
900

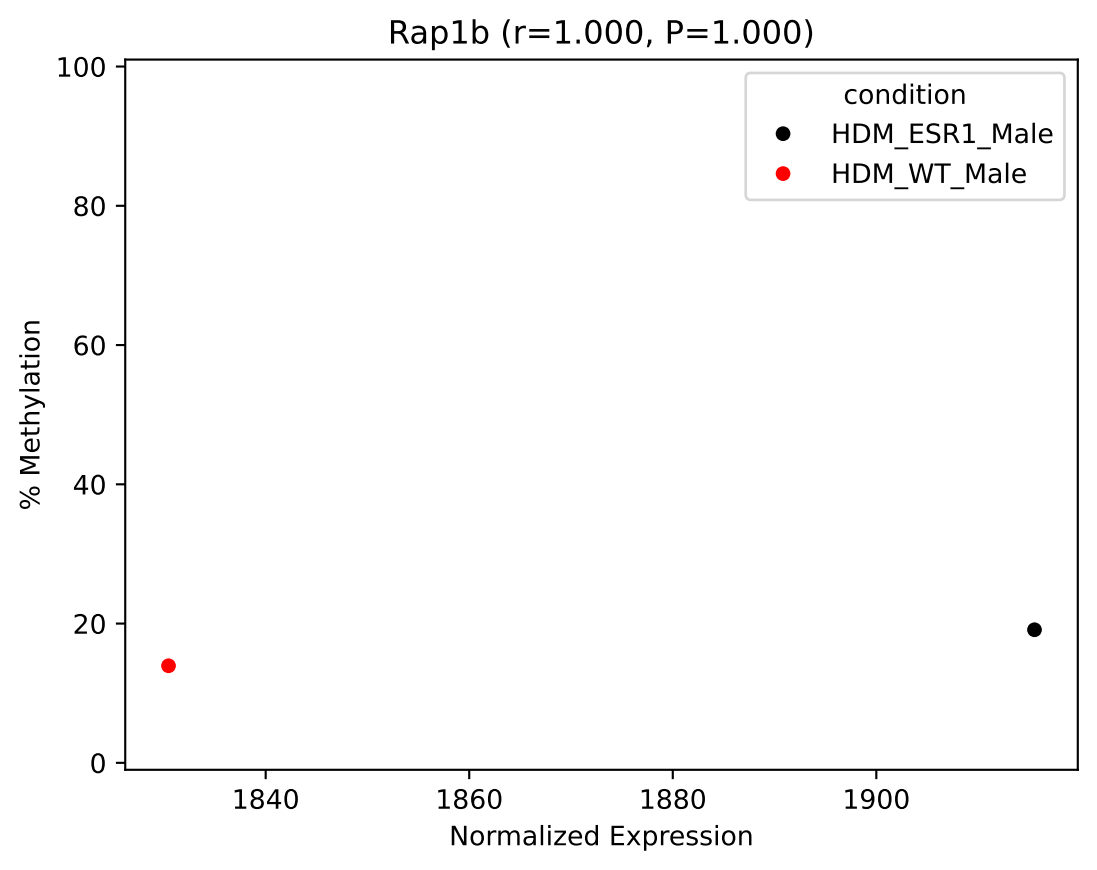

Tmem267 (r=-0.252, P=0.512)
condition
HDM_ESR1_Female
HDM_ESR2_Female
% Methylation
Normalized Expression
0
20
40
60
80
100
30
40
50
60
70
80

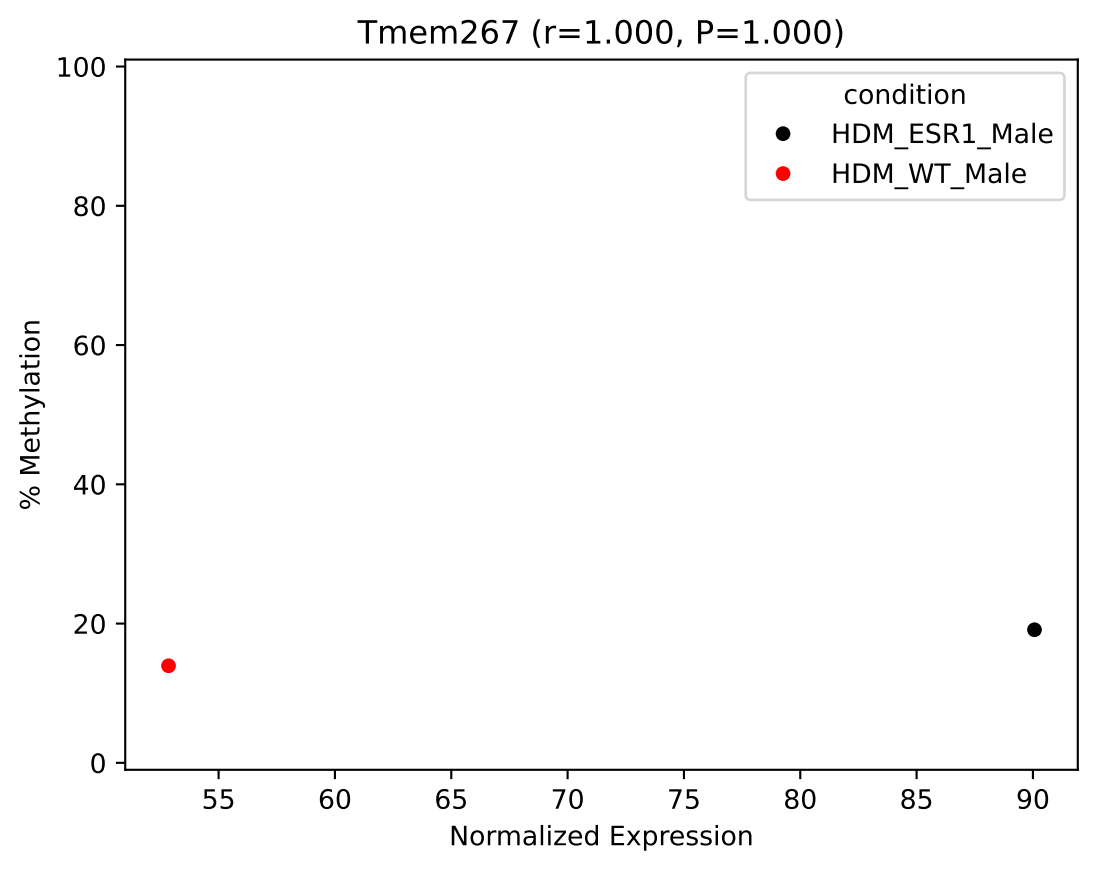

Exoc8 (r=0.541, P=0.459)
condition
HDM_ESR1_Female
HDM_ESR1_Male
% Methylation
Normalized Expression
0
20
40
60
80
100
420
430
440
450
460
470

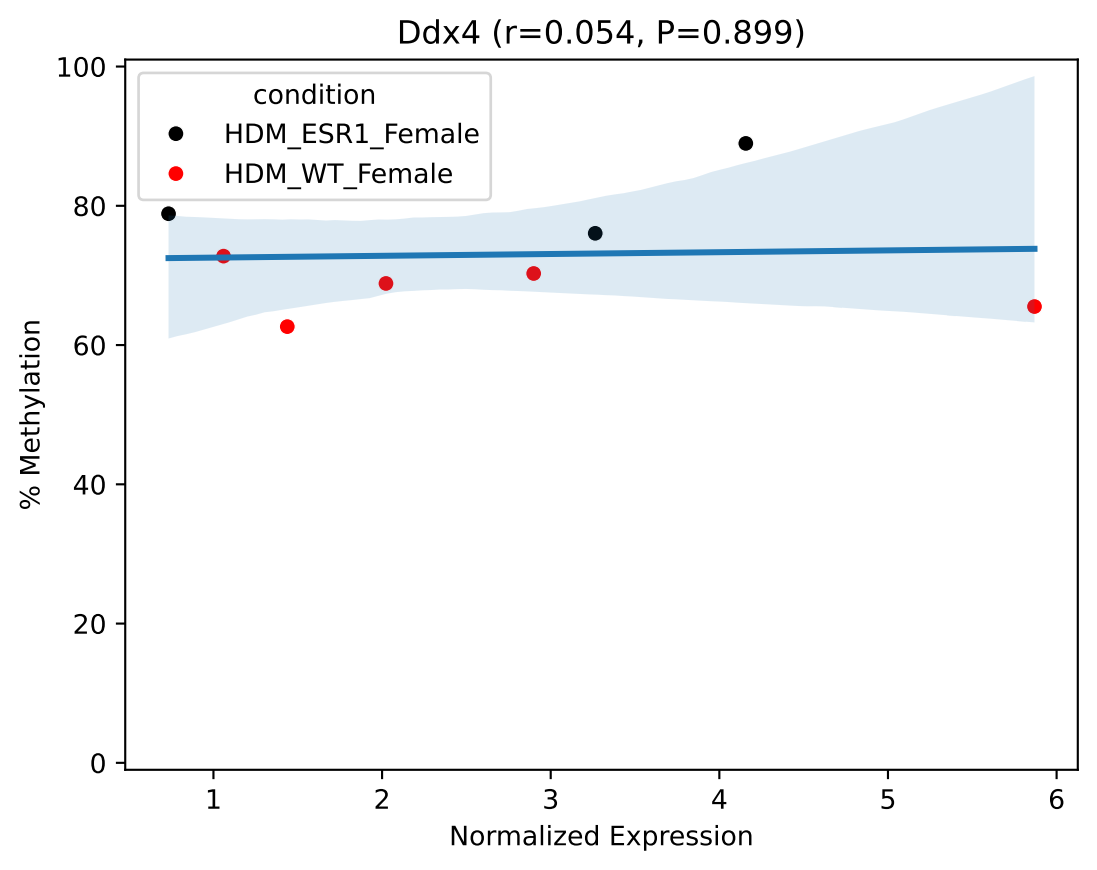

Mbtps2 (r=0.215, P=0.785)
condition
HDM_ESR1_Female
HDM_ESR1_Male
% Methylation
Normalized Expression
0
20
40
60
80
100
380
400
420
440
460
480
500
520

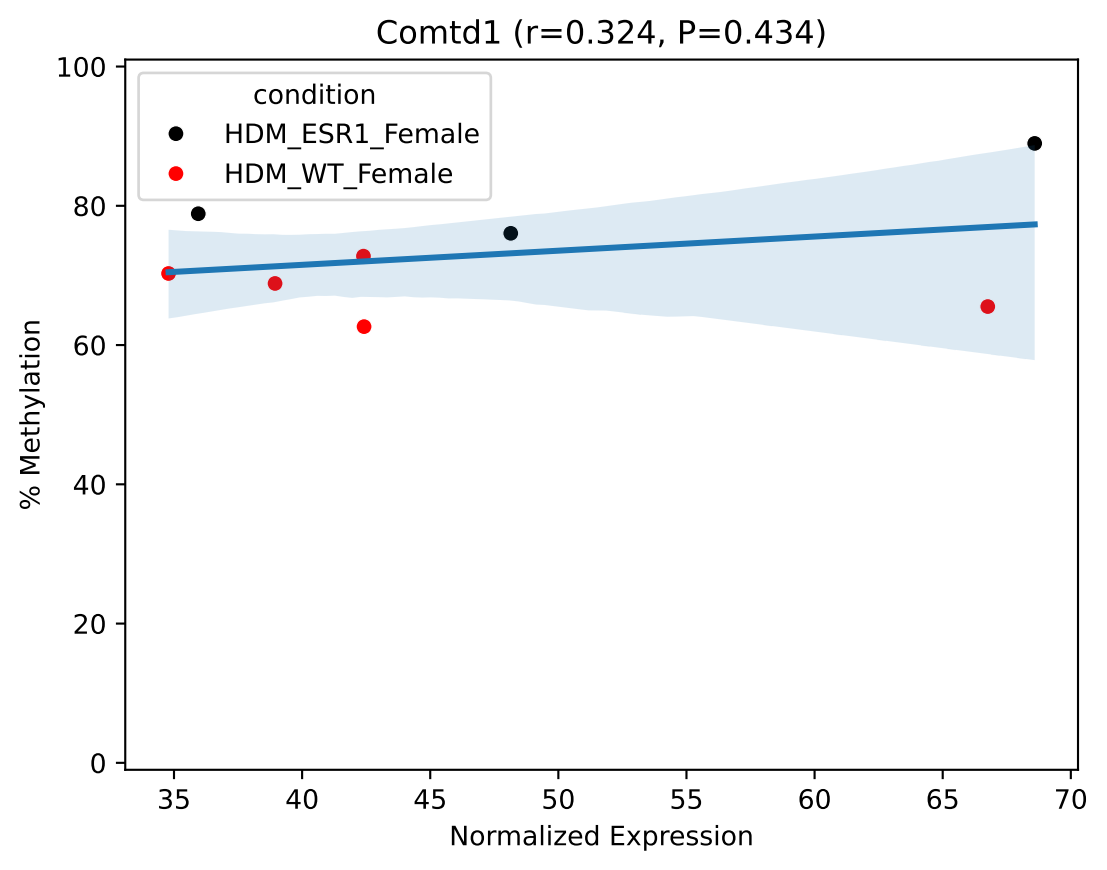

Grb10 (r=-0.346, P=0.327)
condition
HDM_ESR2_Female
HDM_ESR2_Male
% Methylation
Normalized Expression
100
80
60
40
20
0
600
700
800
900
1000

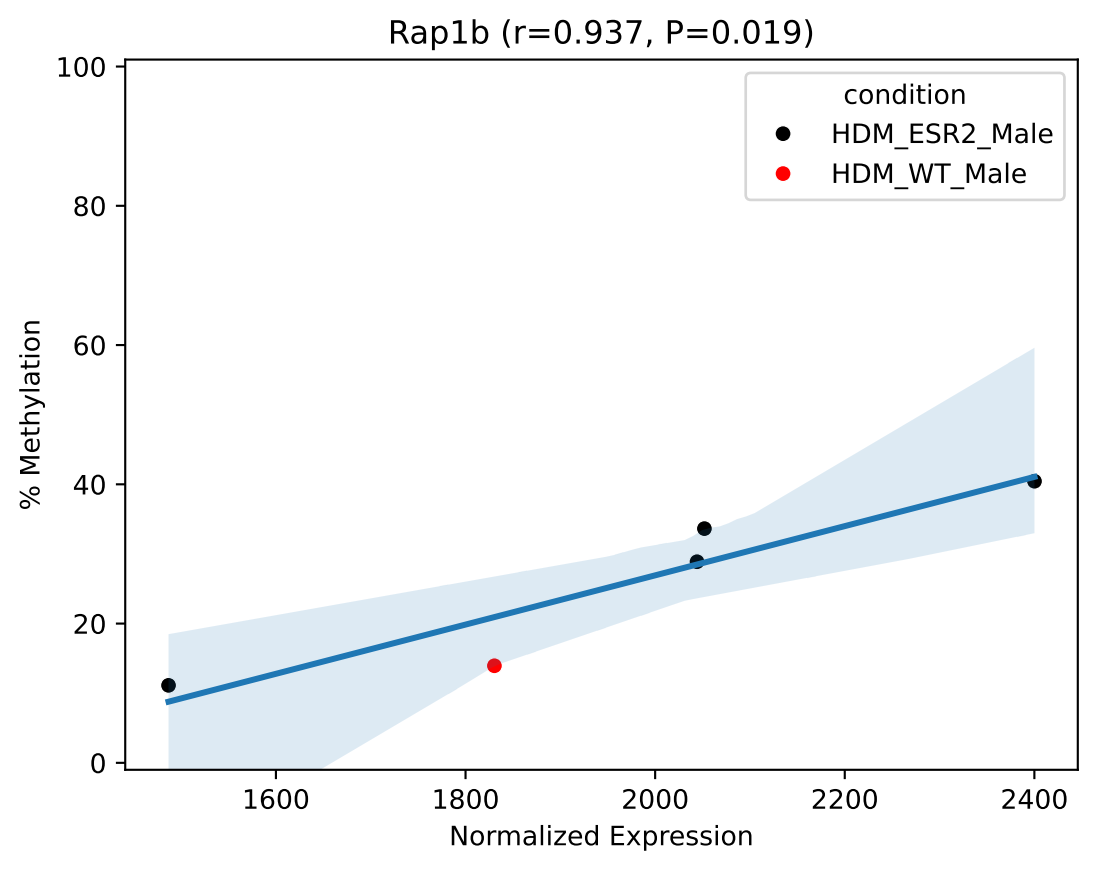

Fgd1 (r=-0.099, P=0.784)
condition
HDM_ESR2_Female
HDM_ESR2_Male
% Methylation
Normalized Expression
100
80
60
40
20
0
70
80
90
100
110

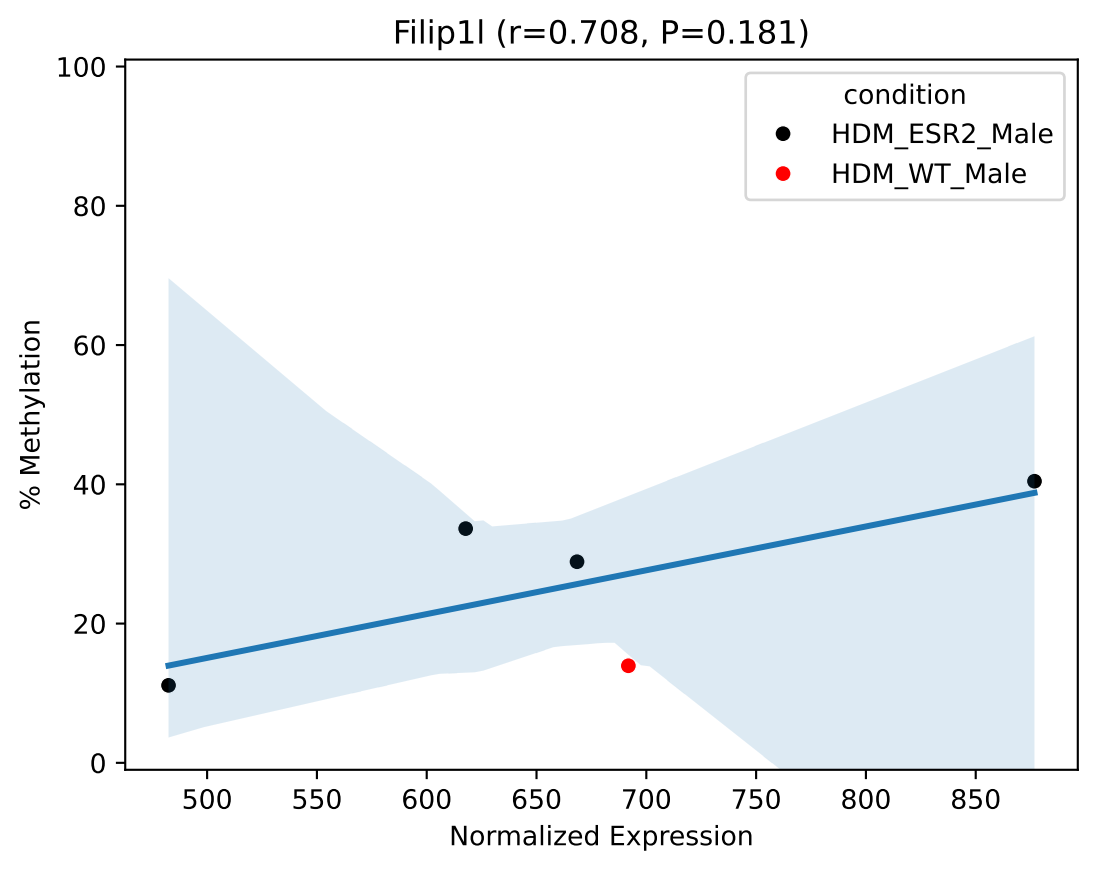

Rap1b (r=1.000, P=1.000)
condition
HDM_ESR1_Male
HDM_WT_Male
% Methylation
100
80
60
40
20
0
1840
1860
1880
1900
Normalized Expression

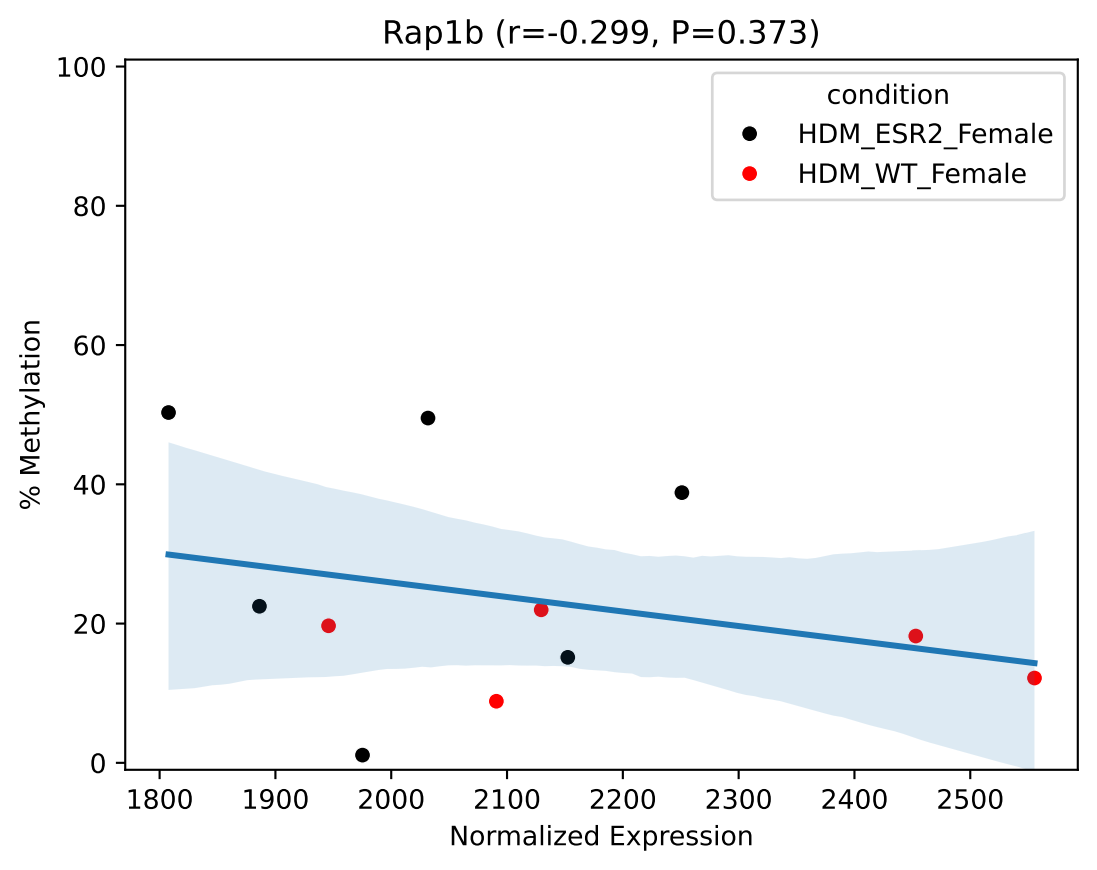

Tmem267 (r=1.000, P=1.000)
condition
HDM_ESR1_Male
HDM_WT_Male
% Methylation
Normalized Expression
100
80
60
40
20
0
55
60
65
70
75
80
85
90

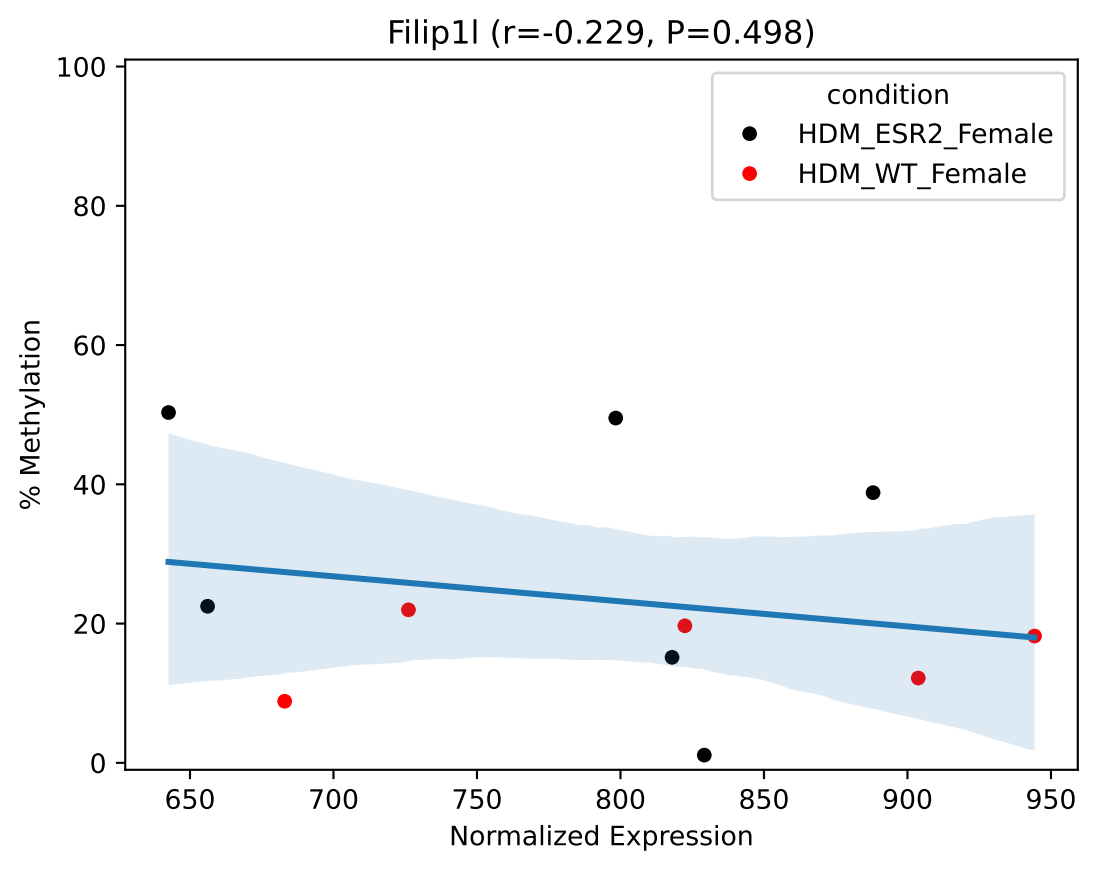

Ddx4 (r=0.054, P=0.899)
condition
HDM_ESR1_Female
HDM_WT_Female
% Methylation
Normalized Expression
0
20
40
60
80
100
1
2
3
4
5
6


Comtd1 (r=0.324, P=0.434)
condition
HDM_ESR1_Female
HDM_WT_Female
% Methylation
Normalized Expression
100
80
60
40
20
0
35
40
45
50
55
60
65
70


Rap1b (r=0.937, P=0.019)
condition
HDM_ESR2_Male
HDM_WT_Male
% Methylation
Normalized Expression
0
20
40
60
80
100
1600
1800
2000
2200
2400


Filip1l (r=0.708, P=0.181)
condition
HDM_ESR2_Male
HDM_WT_Male
% Methylation
Normalized Expression
0
20
40
60
80
100
500
550
600
650
700
750
800
850


Rap1b (r=-0.299, P=0.373)
condition
HDM_ESR2_Female
HDM_WT_Female
% Methylation
Normalized Expression
0
20
40
60
80
100
1800
1900
2000
2100
2200
2300
2400
2500


Filip1l (r=-0.229, P=0.498)
condition
HDM_ESR2_Female
HDM_WT_Female
% Methylation
Normalized Expression
100
80
60
40
20
0
650
700
750
800
850
900
950