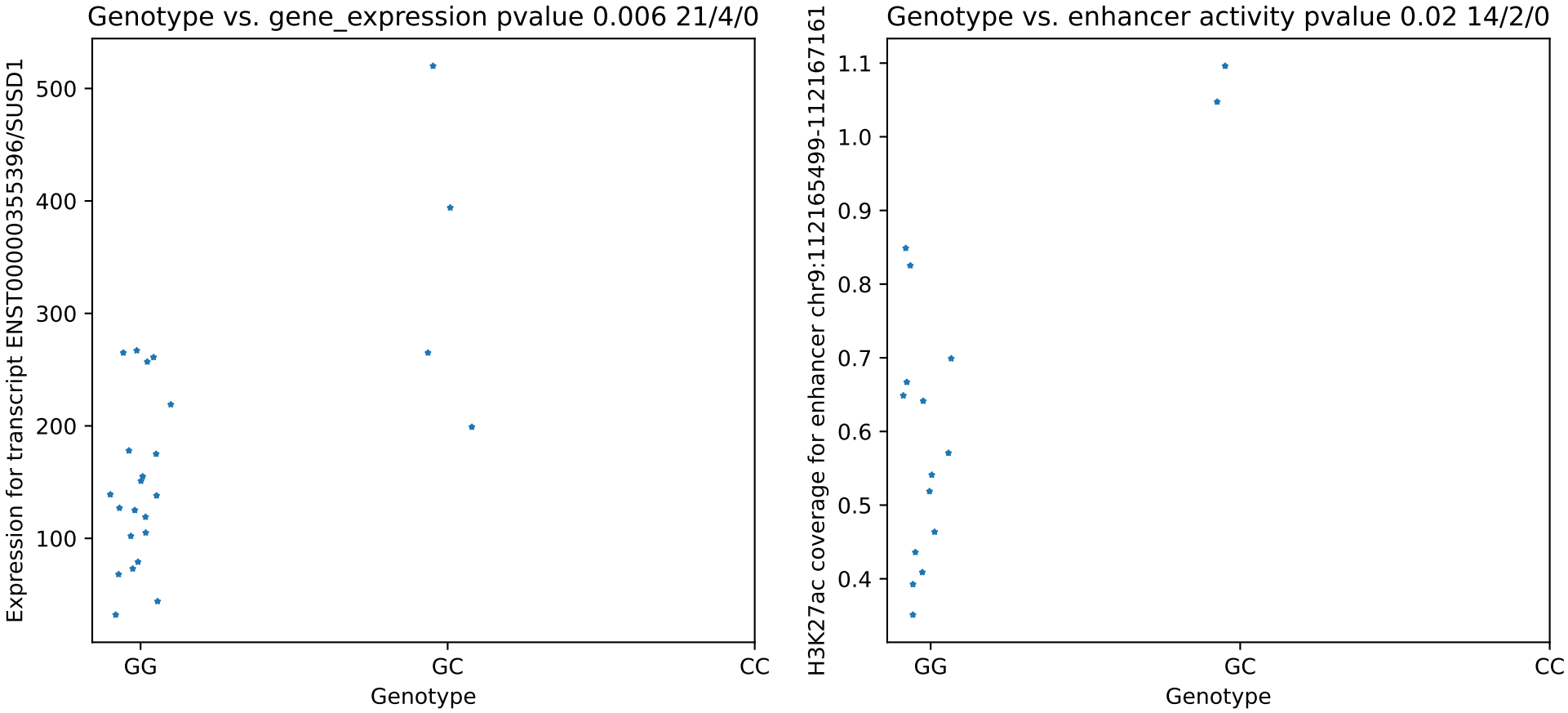
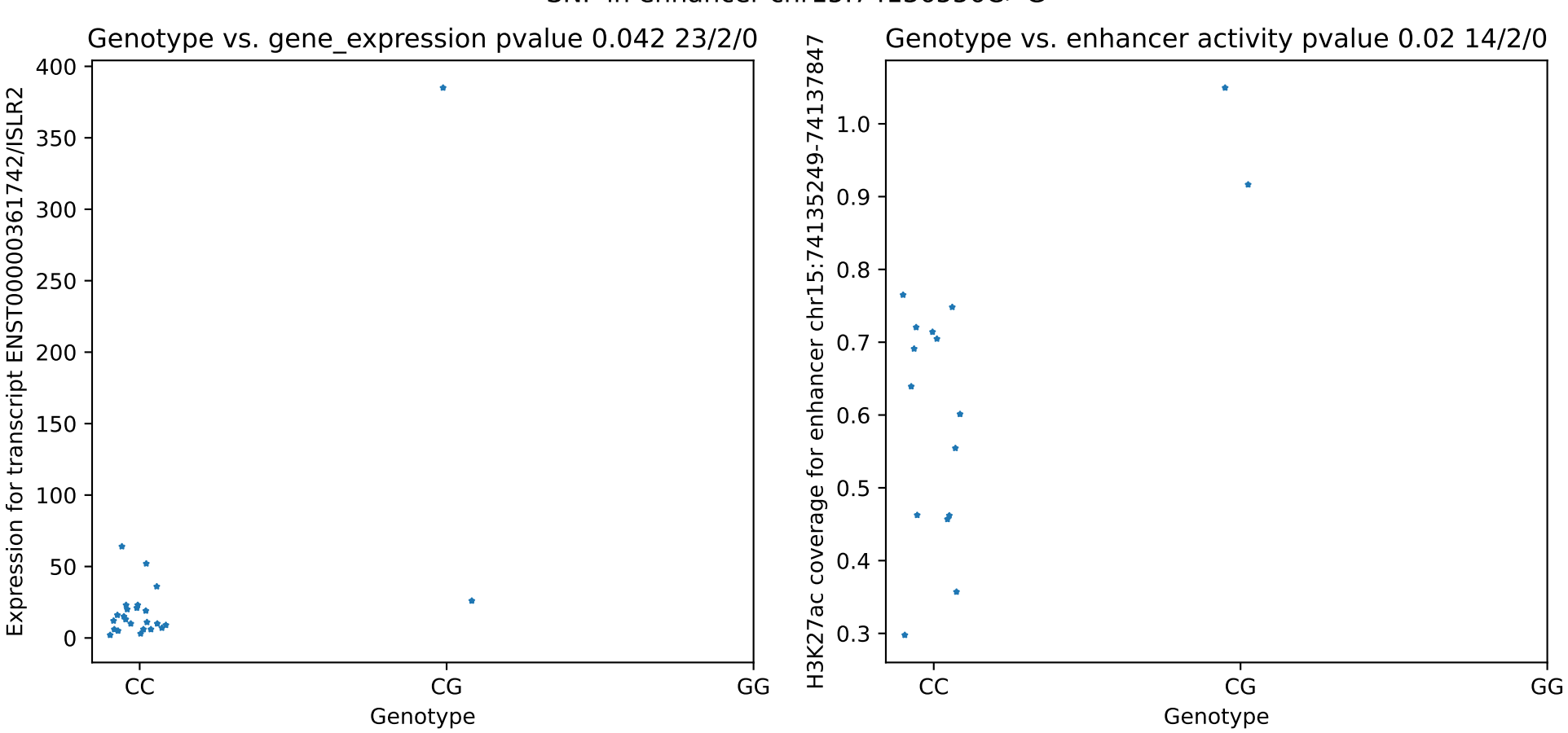
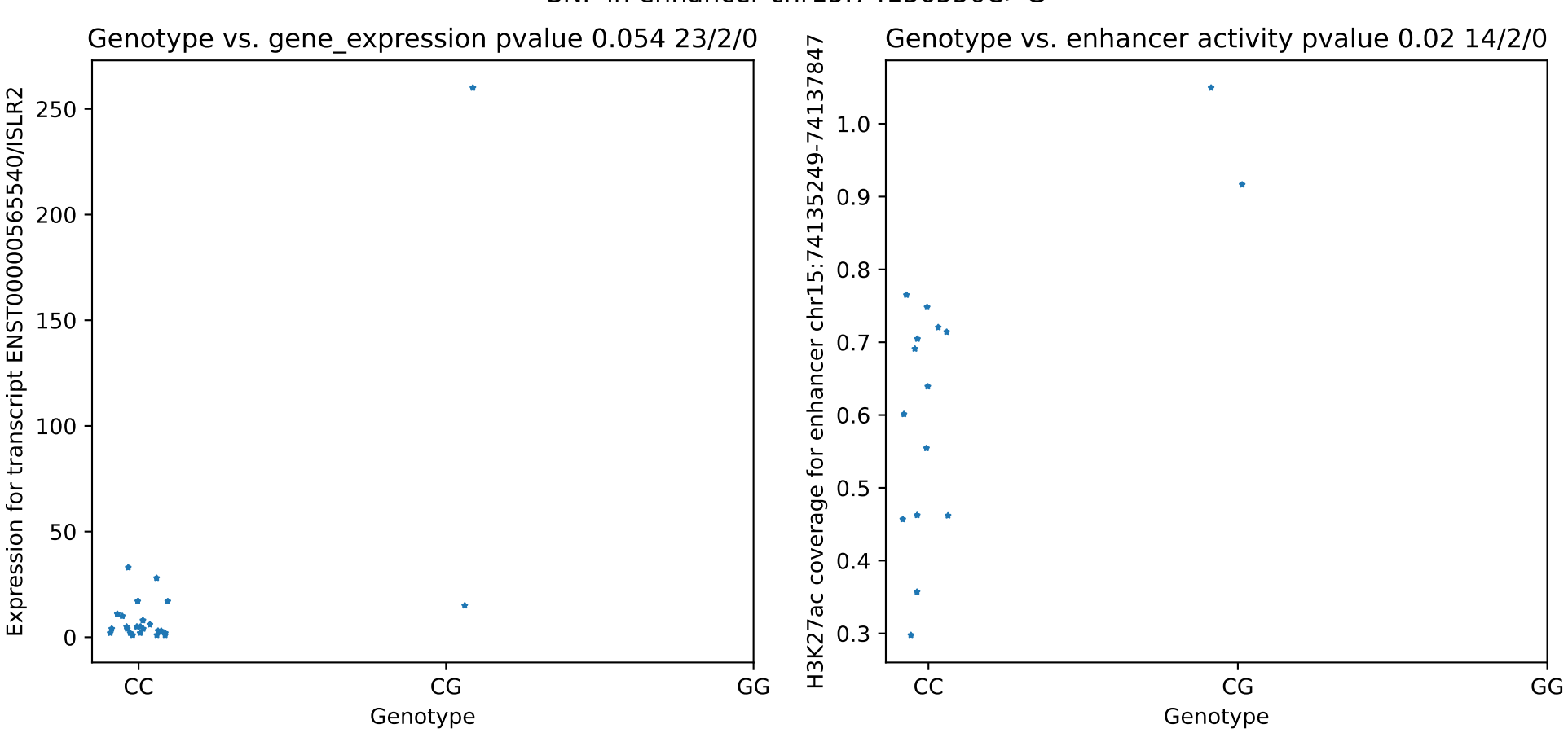
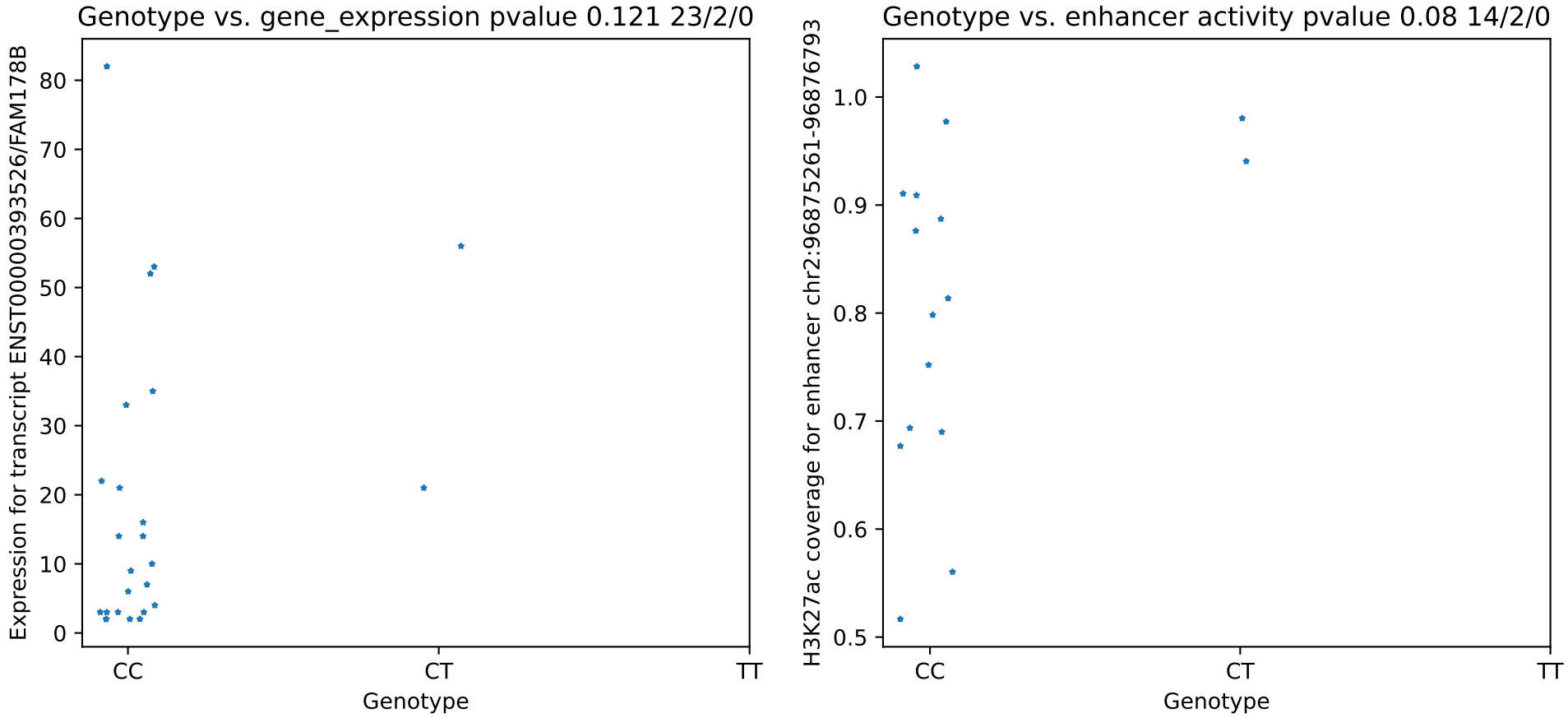
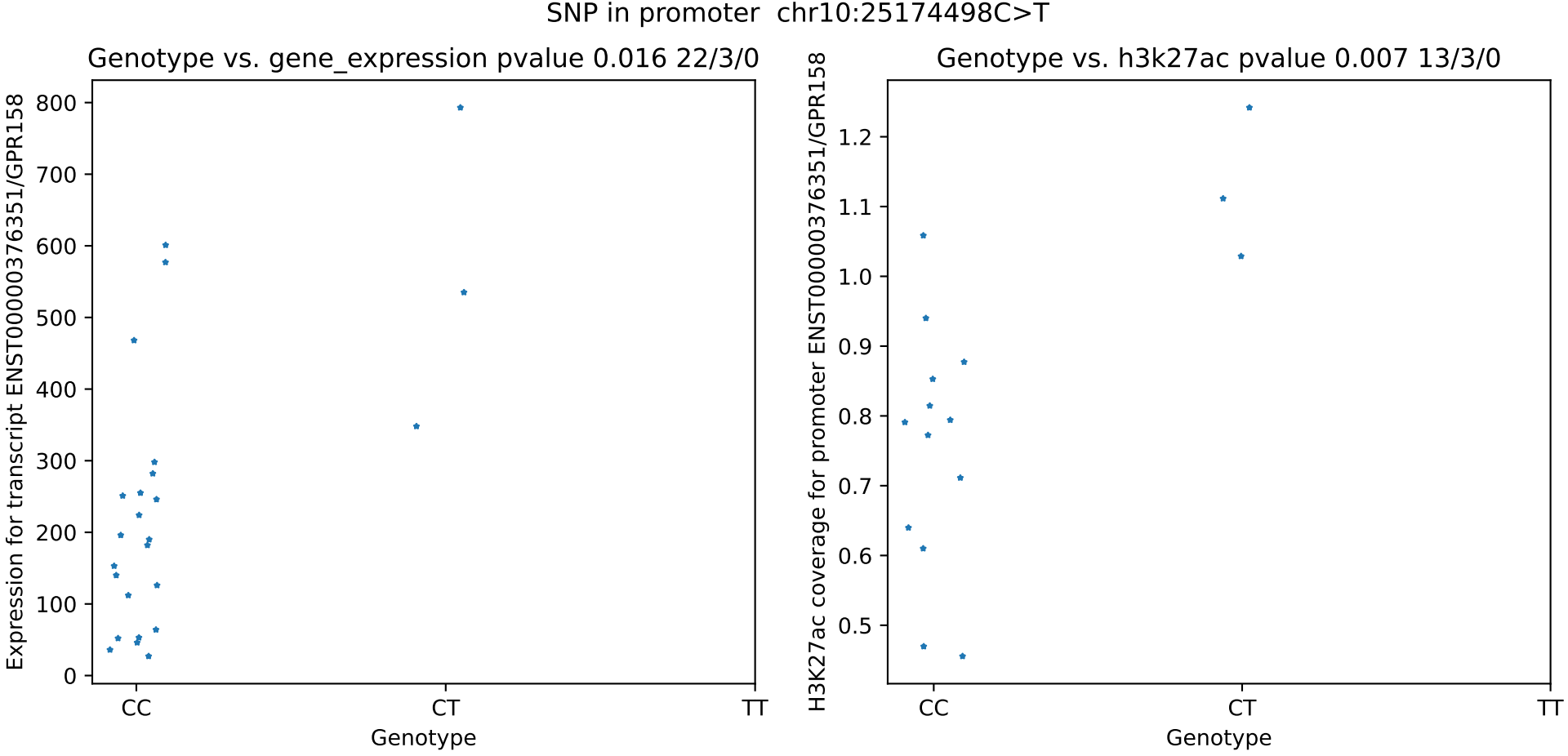
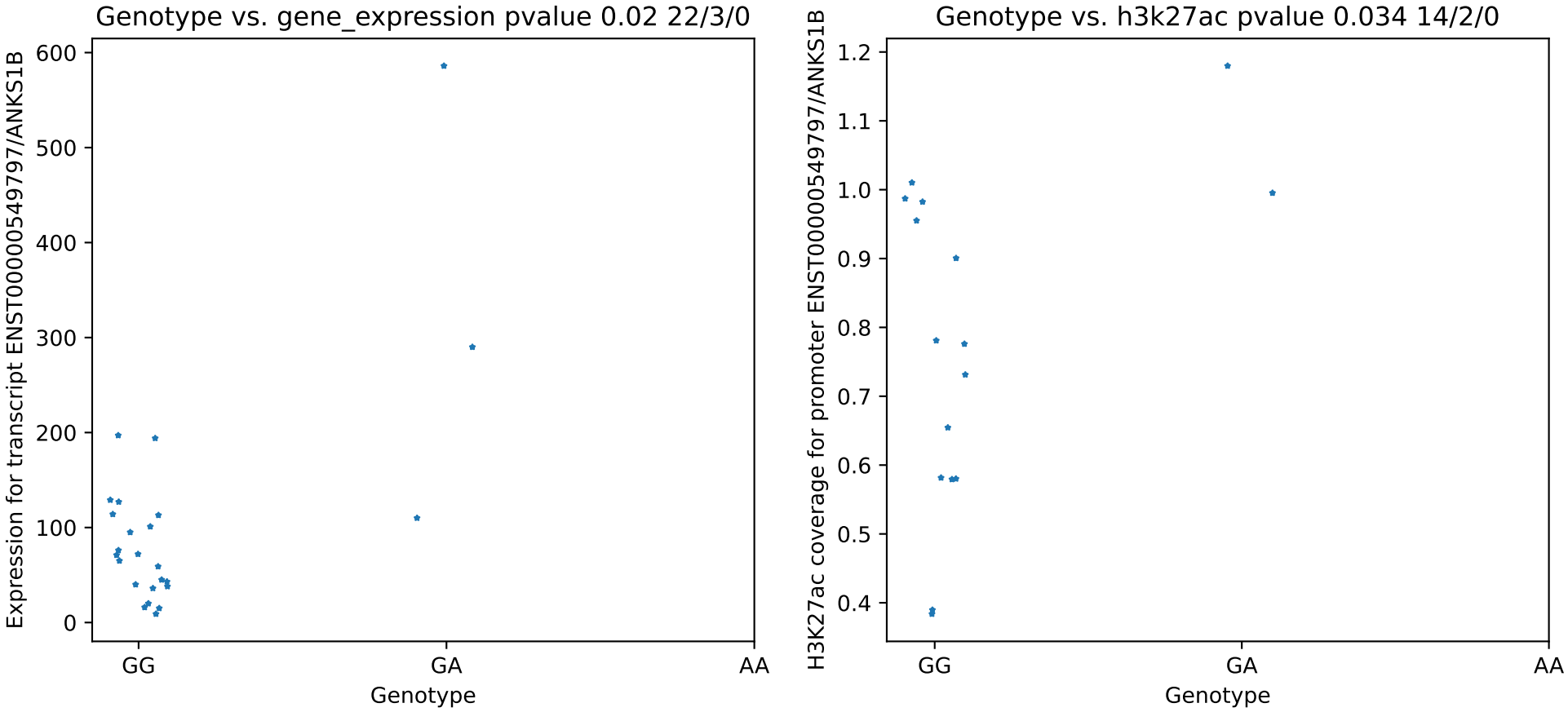

SNP in enhancer chr9:112165680G>C
Genotype vs. gene_expression pvalue 0.006 21/4/0
Expression for transcript ENST00000355396/SUSD1
500
400
300
200
100
GG
GC
CC
Genotype
Genotype vs. enhancer activity pvalue 0.02 14/2/0
H3K27ac coverage for enhancer chr9:112165499-112167161
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
GG
GC
CC
Genotype

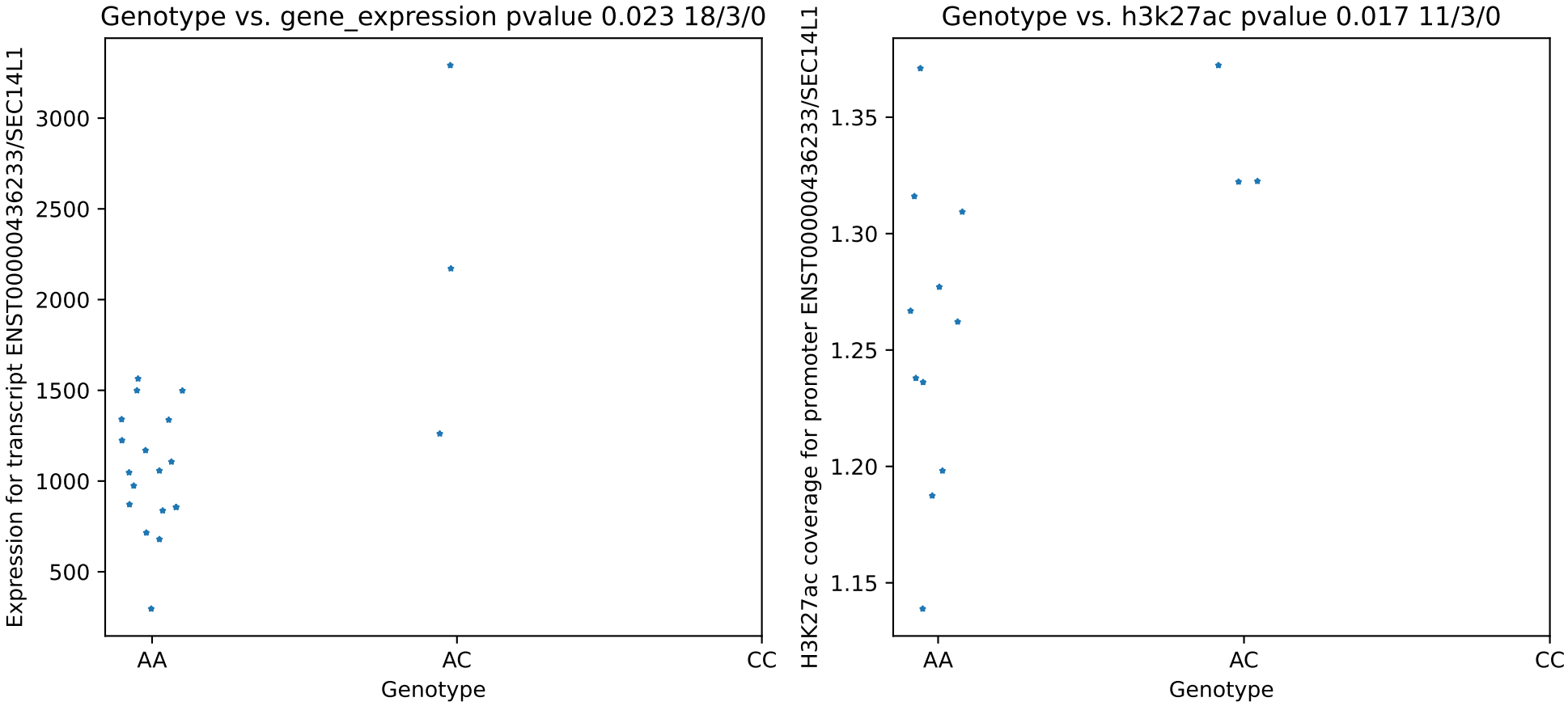

SNP in enhancer chr15:74136556C>G
Genotype vs. gene_expression pvalue 0.042 23/2/0
Expression for transcript ENST00000361742/ISLR2
400
350
300
250
200
150
100
50
0
CC
CG
GG
Genotype
Genotype vs. enhancer activity pvalue 0.02 14/2/0
H3K27ac coverage for enhancer chr15:74135249-74137847
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
CC
CG
GG
Genotype

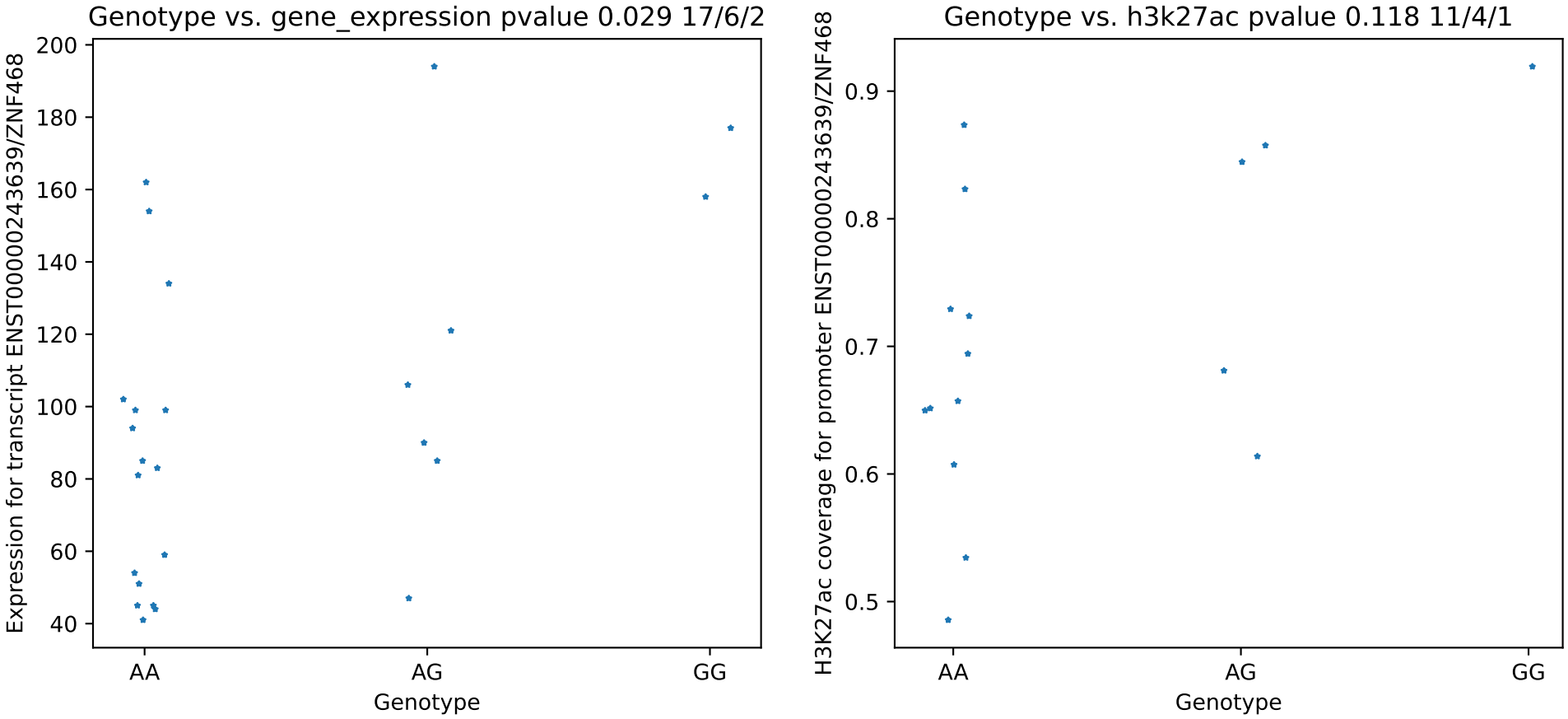

SNP in enhancer chr15:74136556C>G
Genotype vs. gene_expression pvalue 0.054 23/2/0
Expression for transcript ENST00000565540/ISLR2
250
200
150
100
50
0
CC
CG
GG
Genotype
Genotype vs. enhancer activity pvalue 0.02 14/2/0
H3K27ac coverage for enhancer chr15:74135249-74137847
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
CC
CG
GG
Genotype

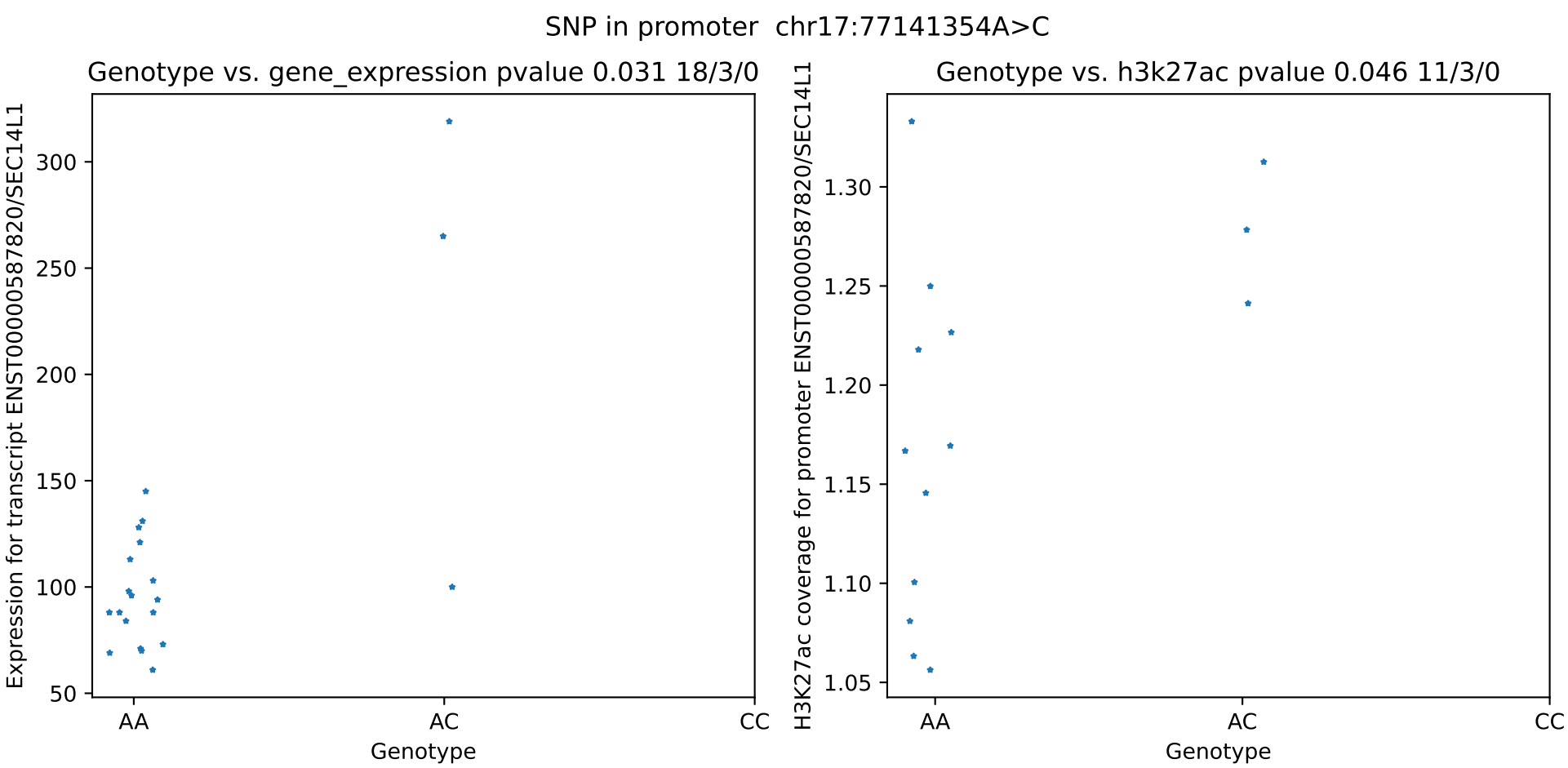

SNP in enhancer chr2:96875381C>T
Genotype vs. gene_expression pvalue 0.121 23/2/0
Expression for transcript ENST00000393526/FAM178B
0
10
20
30
40
50
60
70
80
CC
CT
TT
Genotype
Genotype vs. enhancer activity pvalue 0.08 14/2/0
H3K27ac coverage for enhancer chr2:96875261-96876793
0.5
0.6
0.7
0.8
0.9
1.0
CC
CT
TT
Genotype

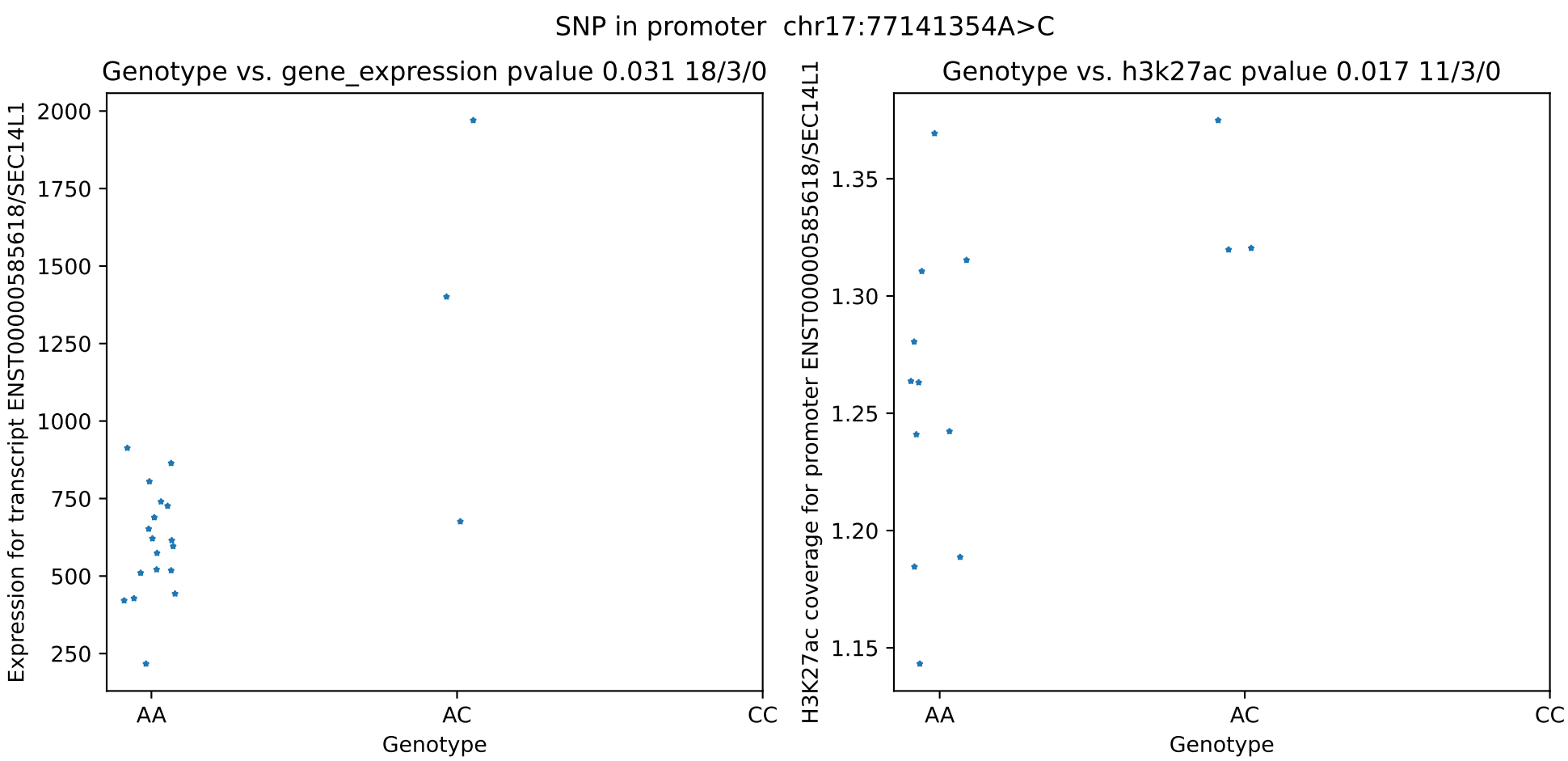

SNP in promoter chr10:25174498C>T
Genotype vs. gene_expression pvalue 0.016 22/3/0
Expression for transcript ENST00000376351/GPR158
0
100
200
300
400
500
600
700
800
CC
CT
TT
Genotype
Genotype vs. h3k27ac pvalue 0.007 13/3/0
H3K27ac coverage for promoter ENST00000376351/GPR158
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
CC
CT
TT
Genotype

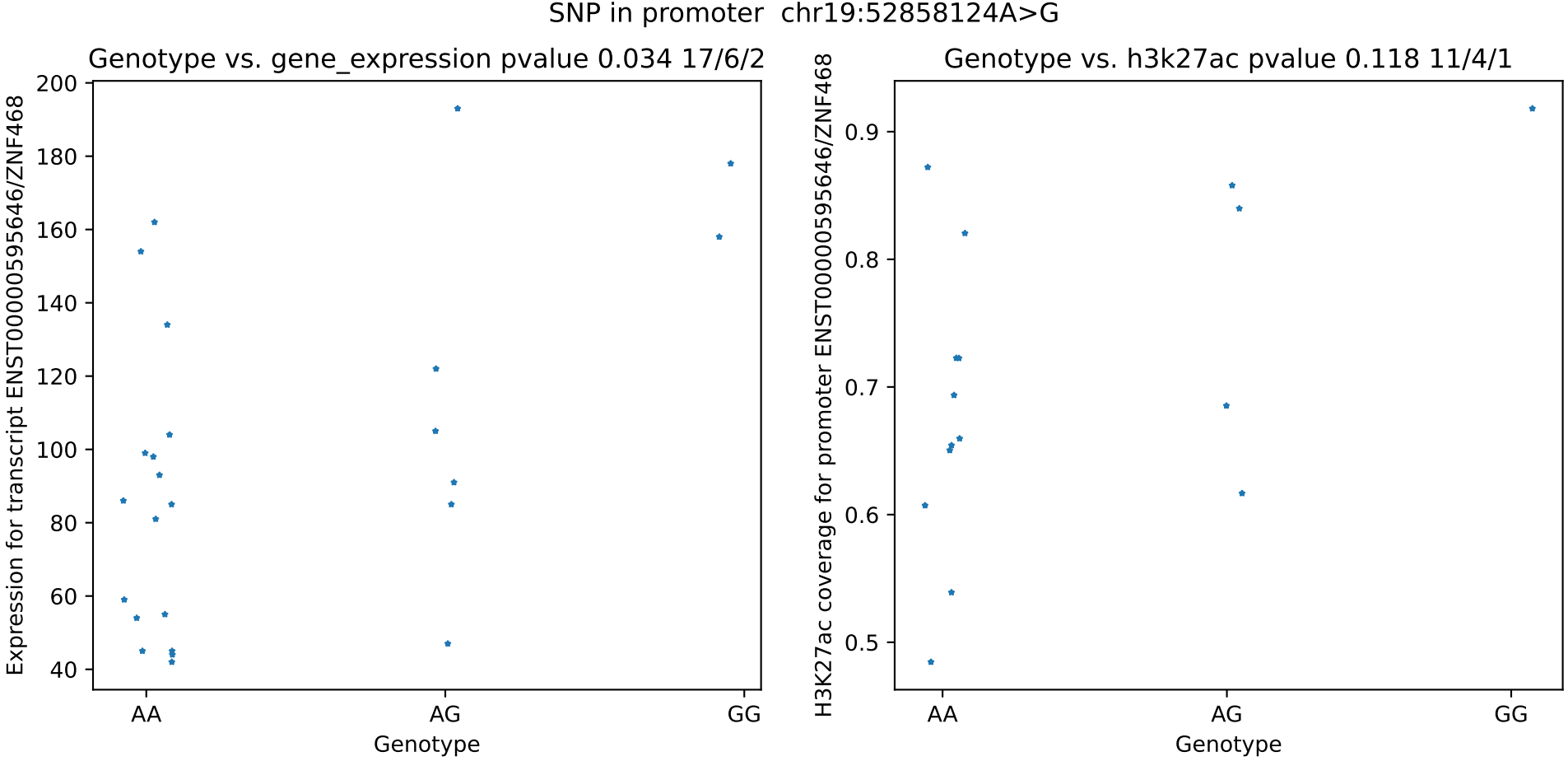

SNP in promoter chr12:98893871G>A
Genotype vs. gene_expression pvalue 0.02 22/3/0
Expression for transcript ENST00000549797/ANKS1B
600
500
400
300
200
100
0
GG
GA
AA
Genotype
Genotype vs. h3k27ac pvalue 0.034 14/2/0
H3K27ac coverage for promoter ENST00000549797/ANKS1B
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
GG
GA
AA
Genotype

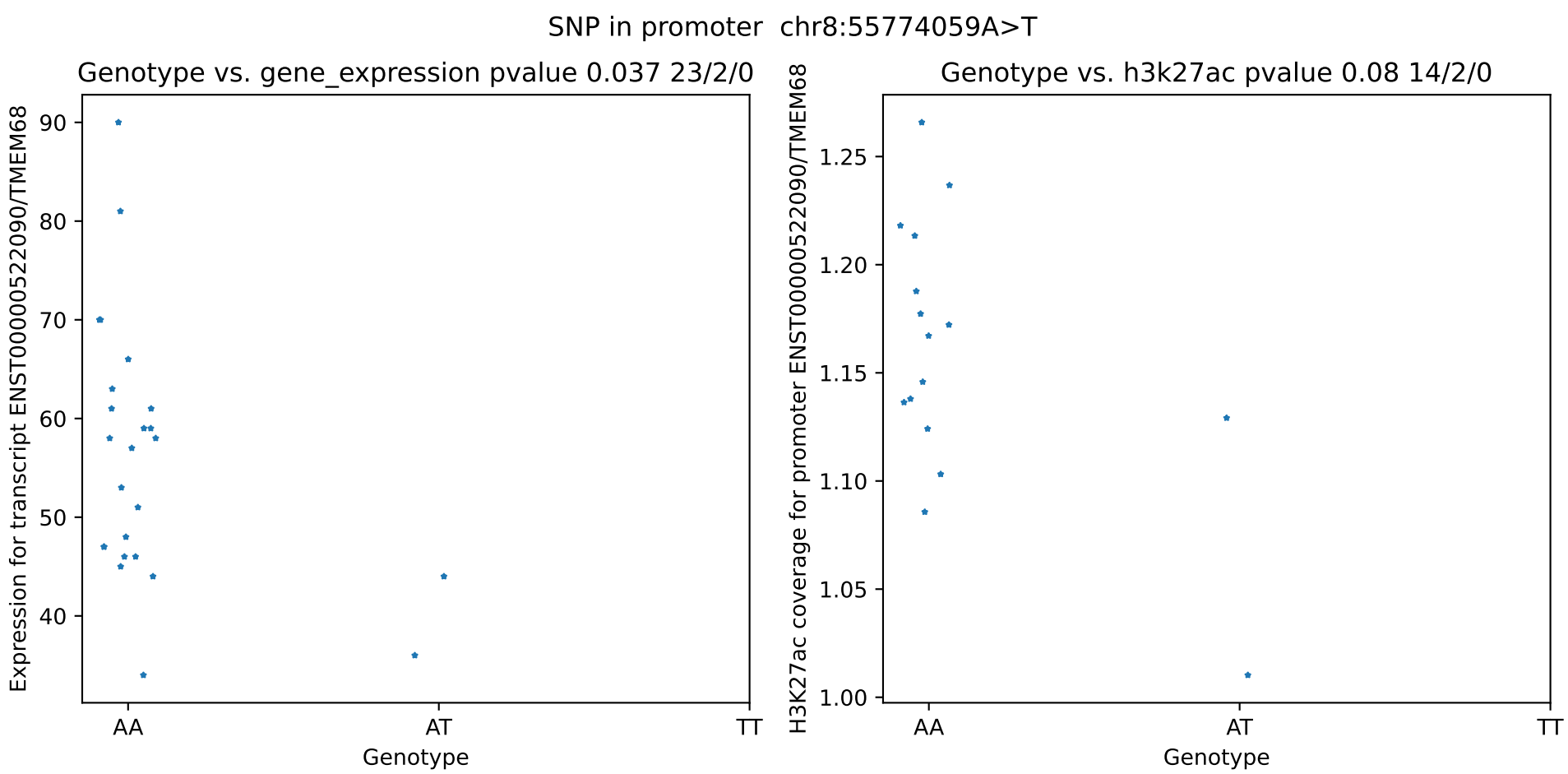

SNP in promoter chr17:77141354A>C
Genotype vs. gene_expression pvalue 0.023 18/3/0
Expression for transcript ENST00000436233/SEC14L1
3000
2500
2000
1500
1000
500
AA
AC
CC
Genotype
Genotype vs. h3k27ac pvalue 0.017 11/3/0
H3K27ac coverage for promoter ENST00000436233/SEC14L1
1.35
1.30
1.25
1.20
1.15
AA
AC
CC
Genotype

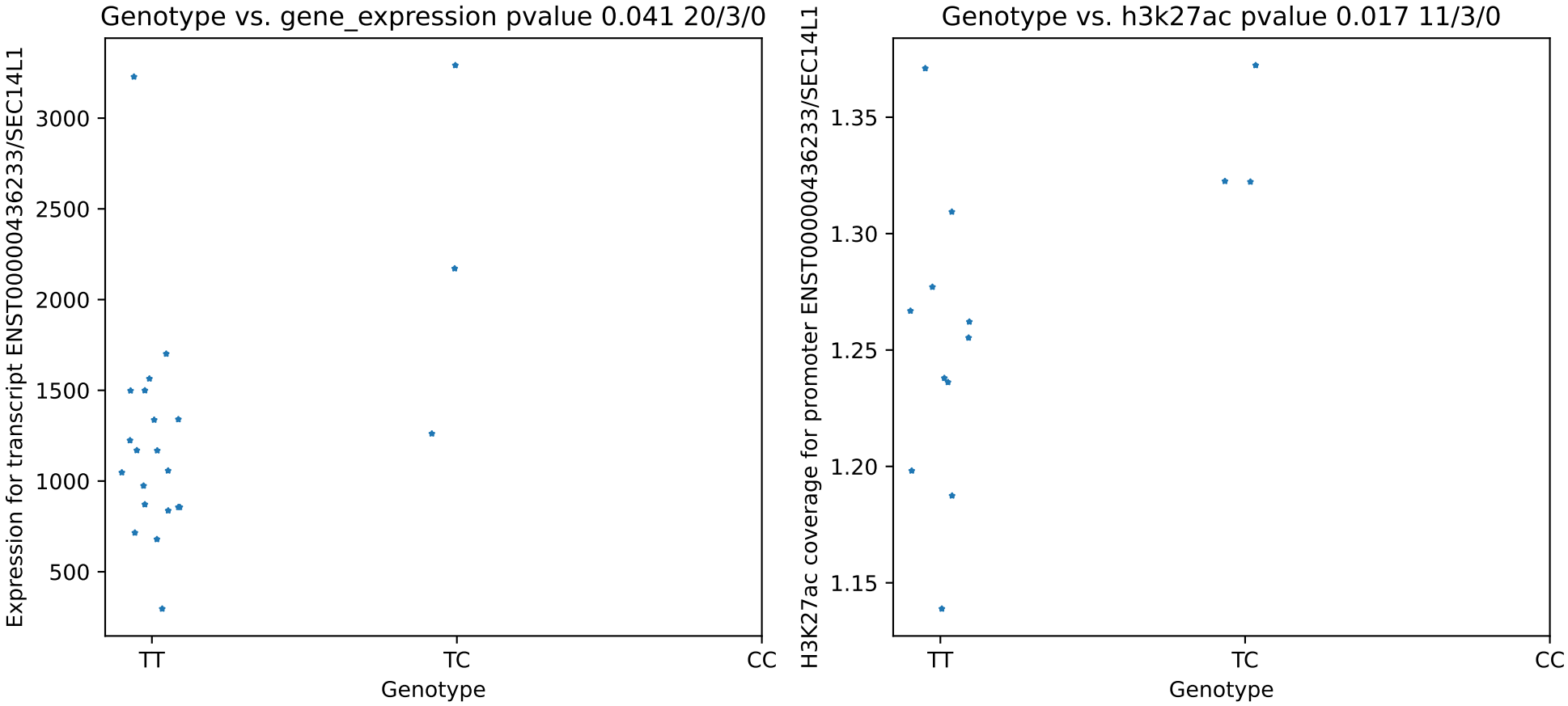

SNP in promoter chr19:52858124A>G
Genotype vs. gene_expression pvalue 0.029 17/6/2
Expression for transcript ENST00000243639/ZNF468
200
180
160
140
120
100
80
60
40
AA
AG
GG
Genotype
Genotype vs. h3k27ac pvalue 0.118 11/4/1
H3K27ac coverage for promoter ENST00000243639/ZNF468
0.9
0.8
0.7
0.6
0.5
AA
AG
GG
Genotype

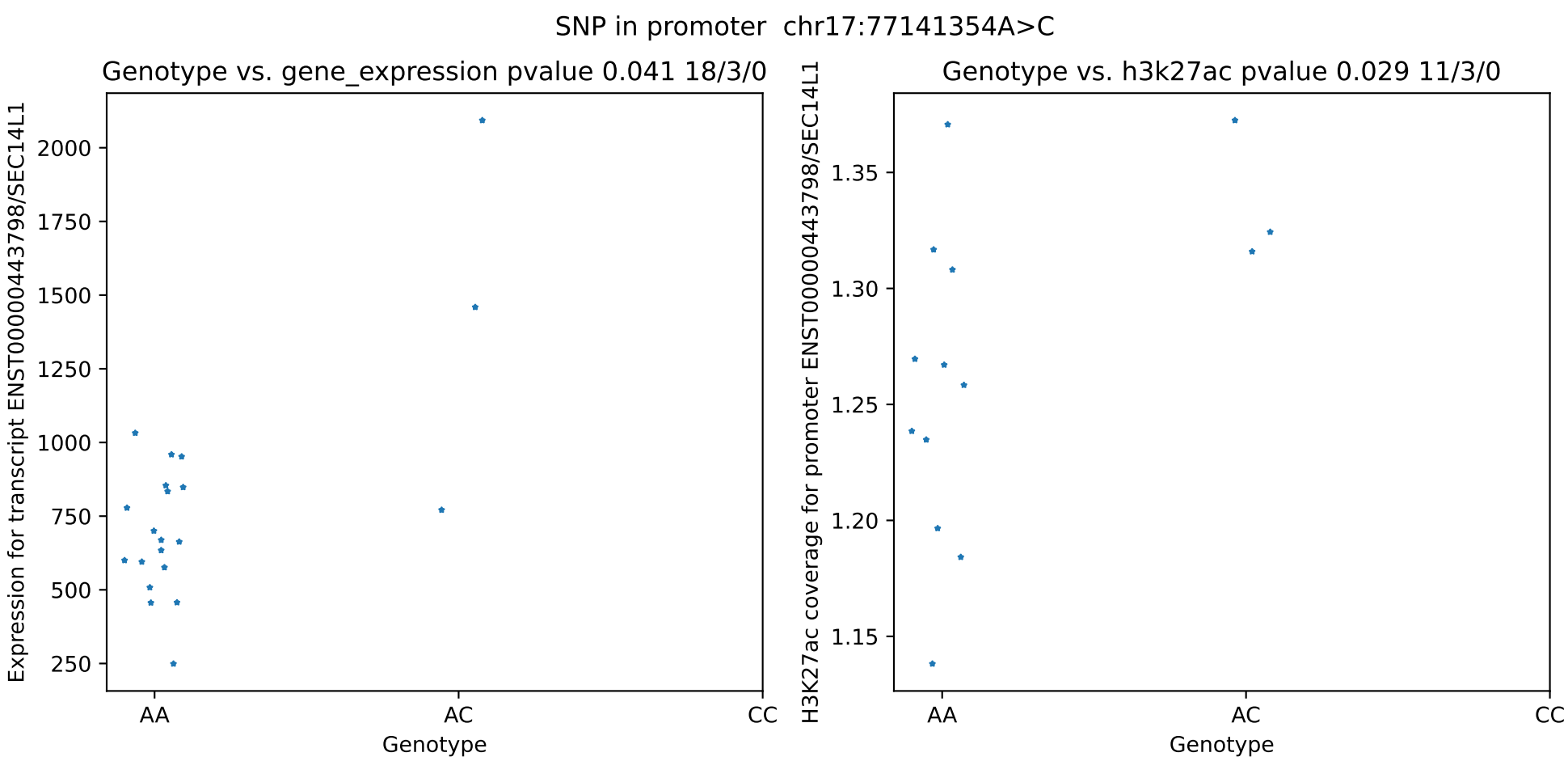

SNP in promoter chr17:77141354A>C
Genotype vs. gene_expression pvalue 0.031 18/3/0
Expression for transcript ENST00000587820/SEC14L1
300
250
200
150
100
50
AA
AC
CC
Genotype
Genotype vs. h3k27ac pvalue 0.046 11/3/0
H3K27ac coverage for promoter ENST00000587820/SEC14L1
1.30
1.25
1.20
1.15
1.10
1.05
AA
AC
CC
Genotype

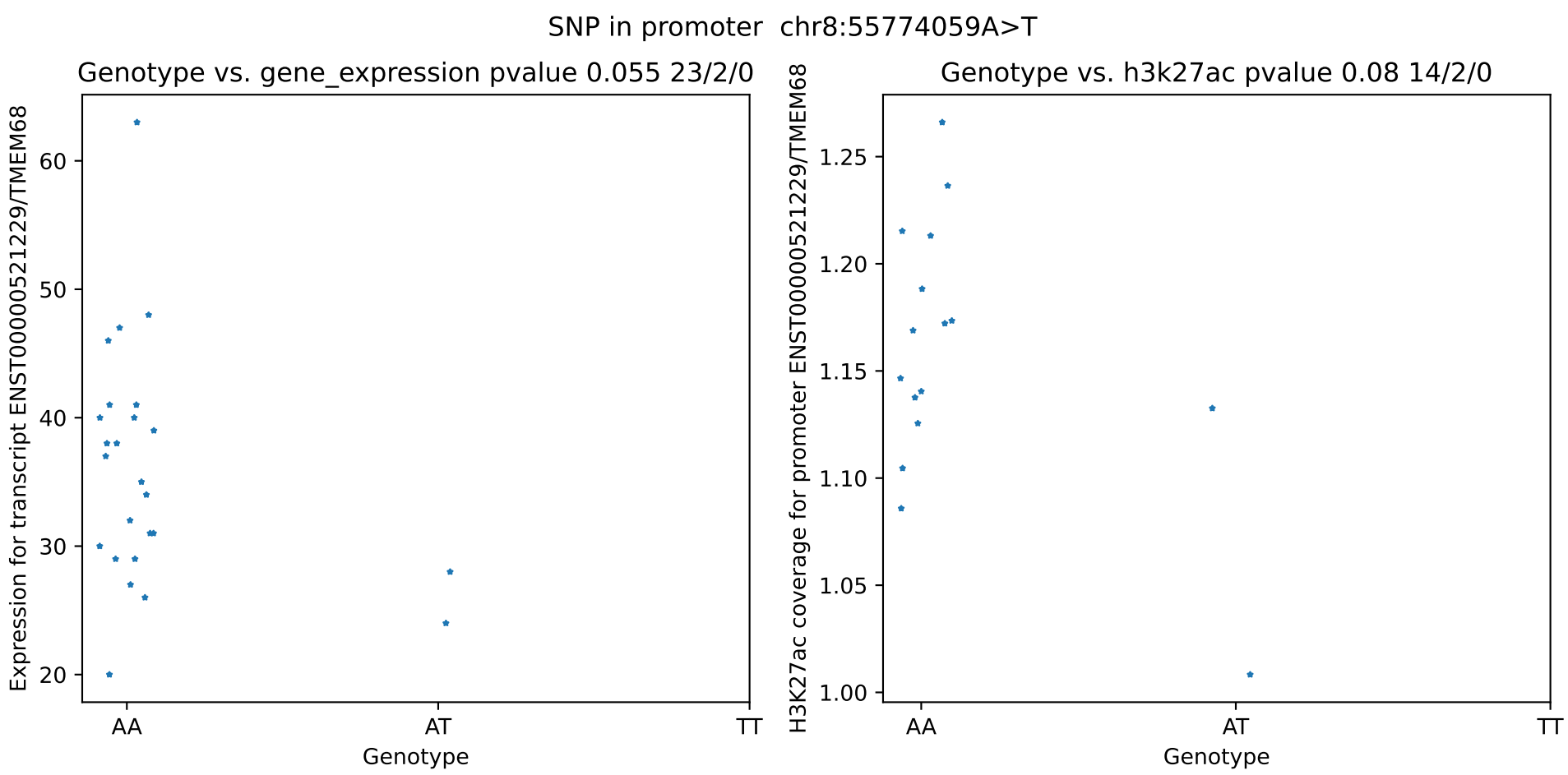

SNP in promoter chr17:77141354A>C
Genotype vs. gene_expression pvalue 0.031 18/3/0
Expression for transcript ENST00000585618/SEC14L1
2000
1750
1500
1250
1000
750
500
250
AA
AC
CC
Genotype
Genotype vs. h3k27ac pvalue 0.017 11/3/0
H3K27ac coverage for promoter ENST00000585618/SEC14L1
1.35
1.30
1.25
1.20
1.15
AA
AC
CC
Genotype

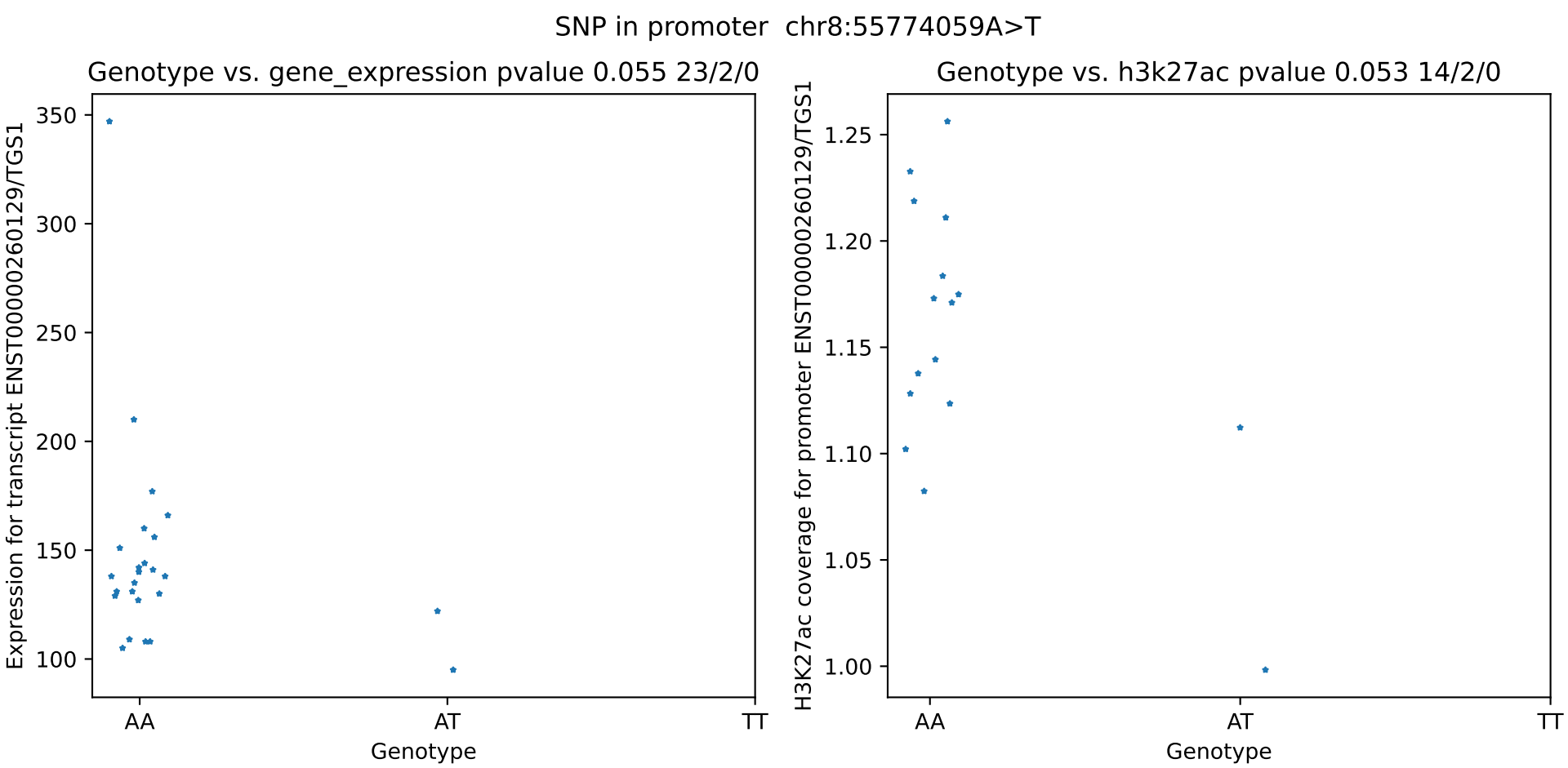

SNP in promoter chr19:52858124A>G
Genotype vs. gene_expression pvalue 0.034 17/6/2
Expression for transcript ENST00000595646/ZNF468
200
180
160
140
120
100
80
60
40
AA
AG
GG
Genotype
Genotype vs. h3k27ac pvalue 0.118 11/4/1
H3K27ac coverage for promoter ENST00000595646/ZNF468
0.9
0.8
0.7
0.6
0.5
AA
AG
GG
Genotype

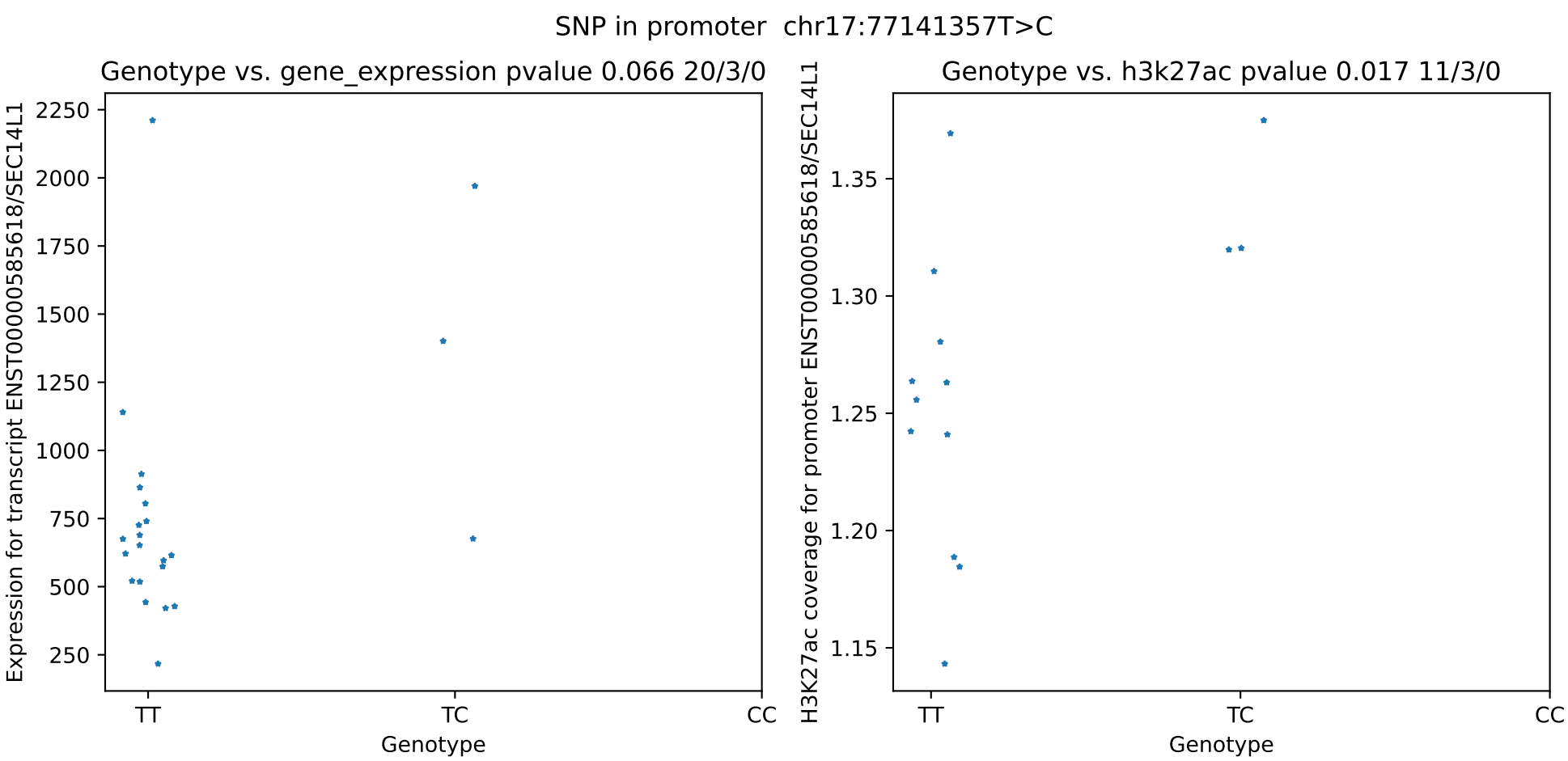

SNP in promoter chr8:55774059A>T
Genotype vs. gene_expression pvalue 0.037 23/2/0
Expression for transcript ENST00000522090/TMEM68
90
80
70
60
50
40
AA
AT
TT
Genotype
Genotype vs. h3k27ac pvalue 0.08 14/2/0
H3K27ac coverage for promoter ENST00000522090/TMEM68
1.25
1.20
1.15
1.10
1.05
1.00
AA
AT
TT
Genotype

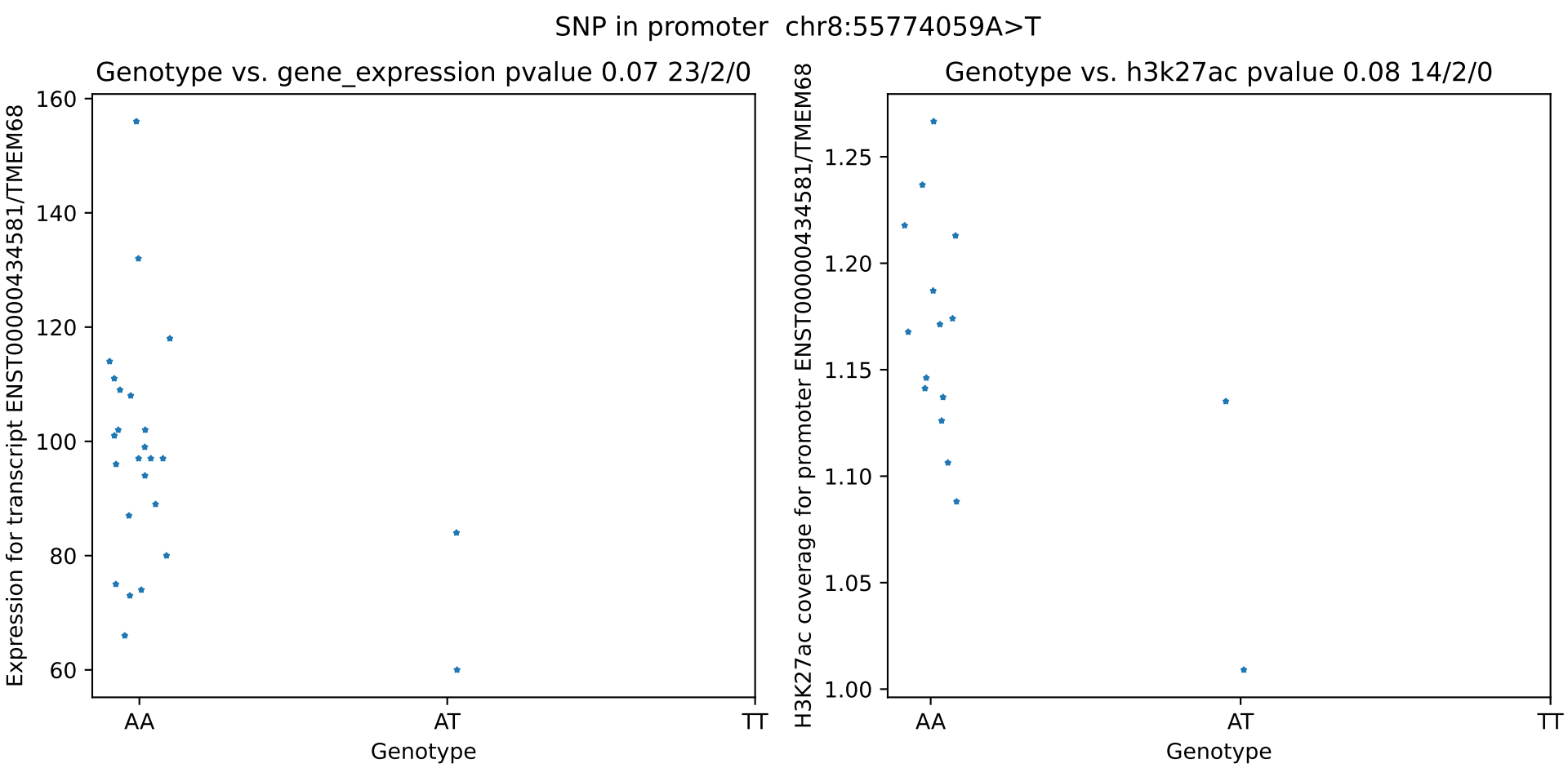

SNP in promoter chr17:77141357T>C
Genotype vs. gene_expression pvalue 0.041 20/3/0
Expression for transcript ENST00000436233/SEC14L1
3000
2500
2000
1500
1000
500
TT
TC
CC
Genotype
Genotype vs. h3k27ac pvalue 0.017 11/3/0
H3K27ac coverage for promoter ENST00000436233/SEC14L1
1.35
1.30
1.25
1.20
1.15
TT
TC
CC
Genotype

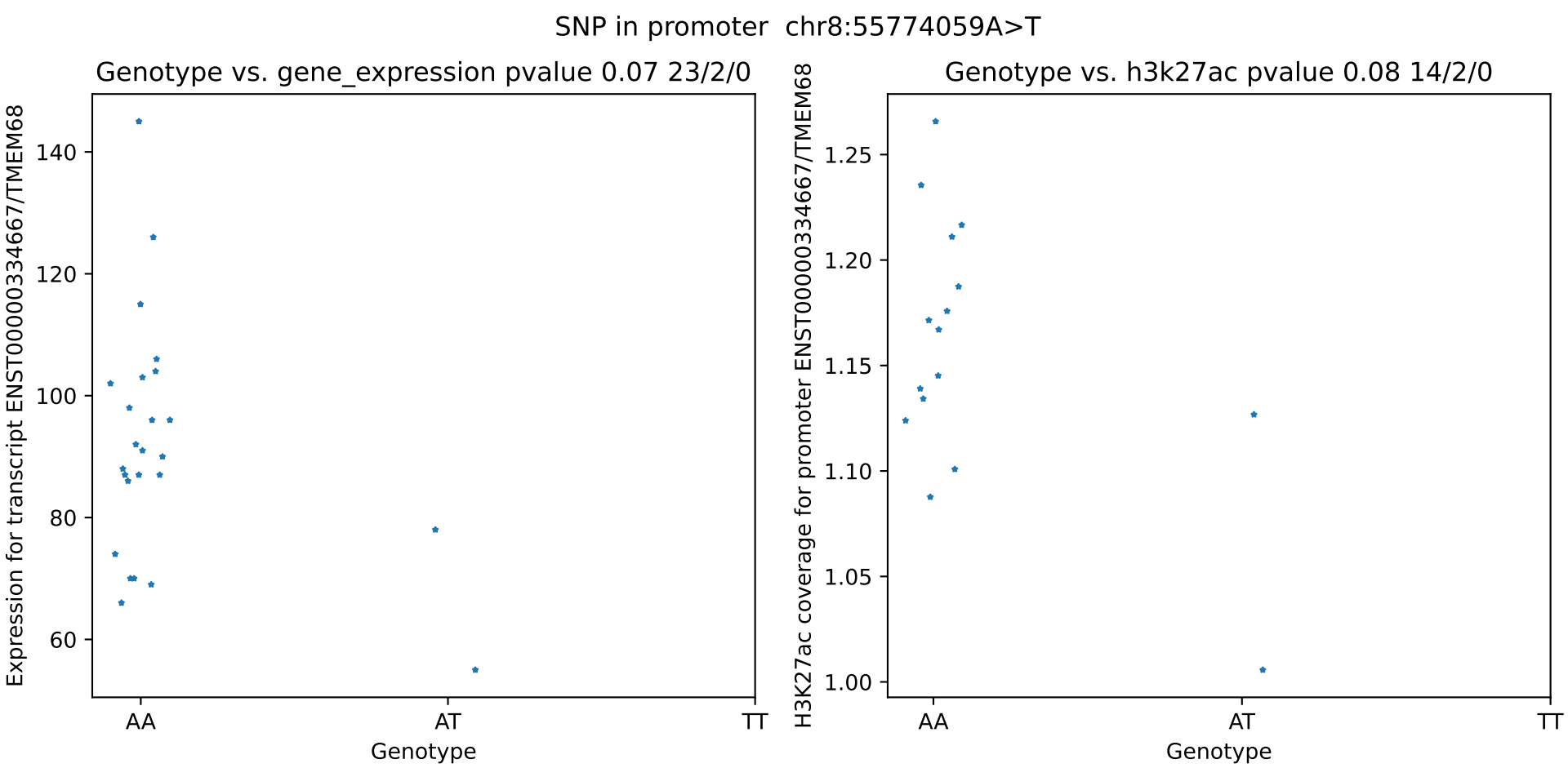

SNP in promoter chr17:77141354A>C
Genotype vs. gene_expression pvalue 0.041 18/3/0
Expression for transcript ENST00000443798/SEC14L1
2000
1750
1500
1250
1000
750
500
250
AA
AC
CC
Genotype
Genotype vs. h3k27ac pvalue 0.029 11/3/0
H3K27ac coverage for promoter ENST00000443798/SEC14L1
1.35
1.30
1.25
1.20
1.15
AA
AC
CC
Genotype

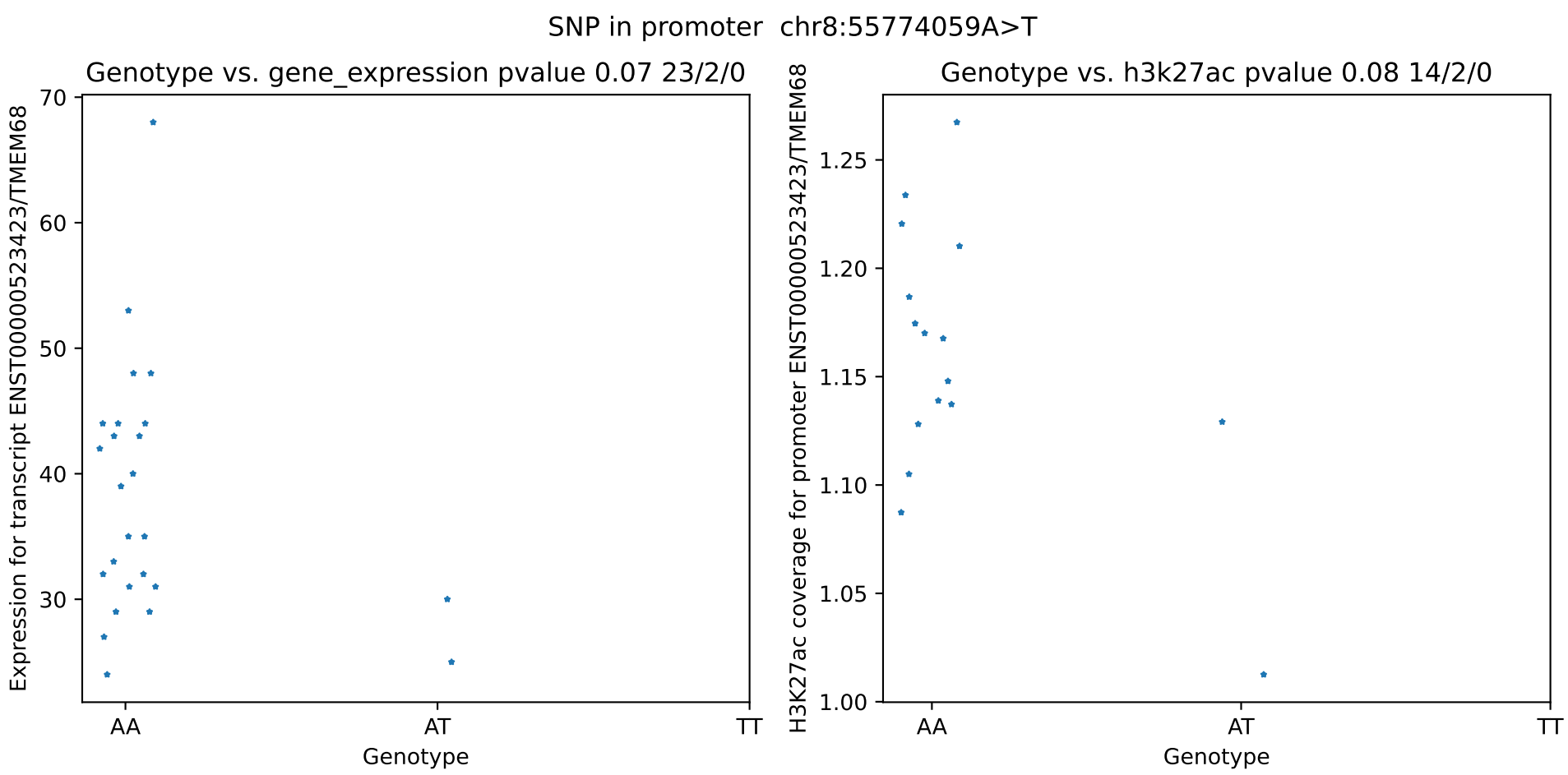

SNP in promoter chr8:55774059A>T
Genotype vs. gene_expression pvalue 0.055 23/2/0
Expression for transcript ENST00000521229/TMEM68
60
50
40
30
20
AA
AT
TT
Genotype
Genotype vs. h3k27ac pvalue 0.08 14/2/0
H3K27ac coverage for promoter ENST00000521229/TMEM68
1.25
1.20
1.15
1.10
1.05
1.00
AA
AT
TT
Genotype

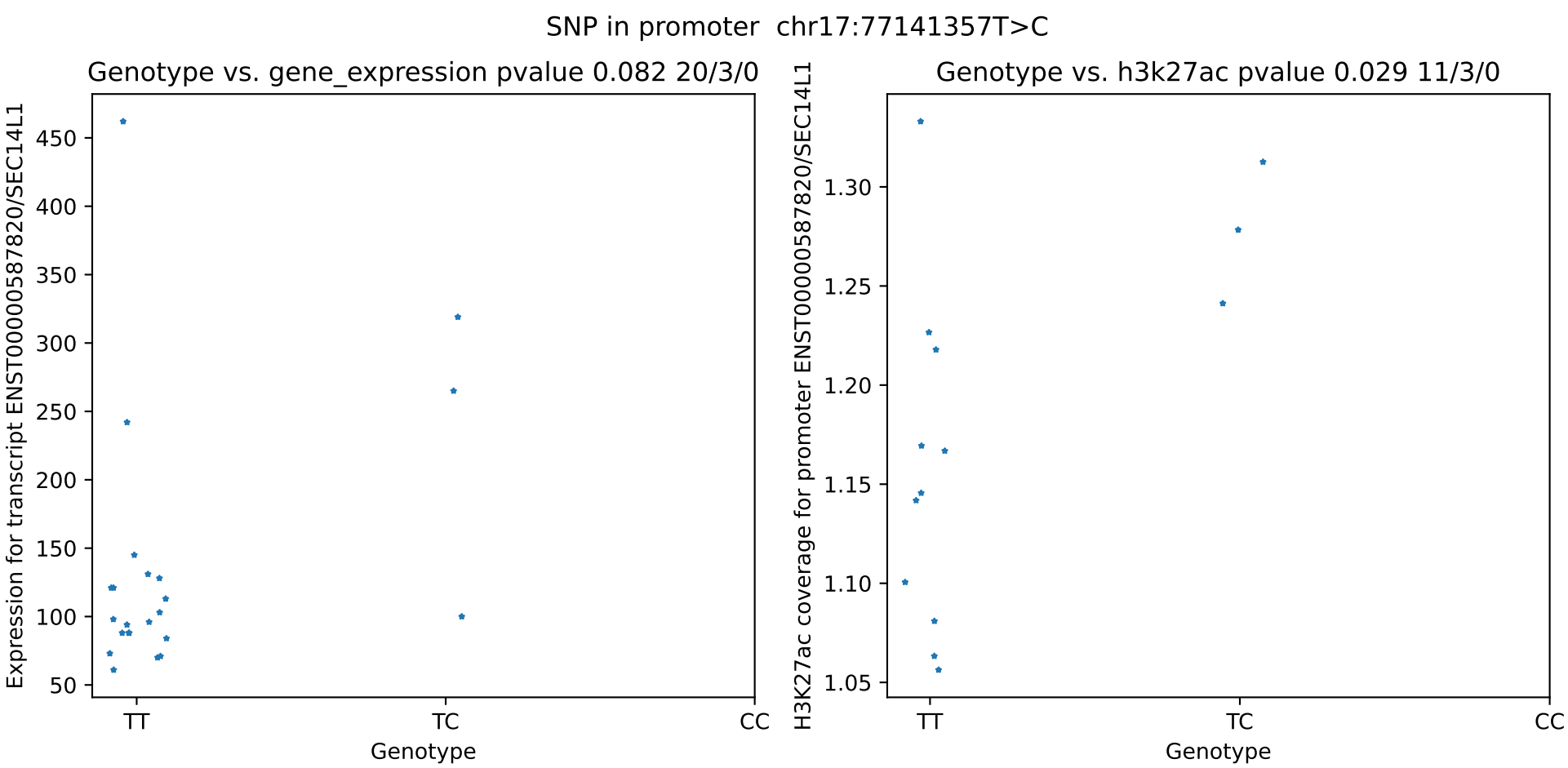

SNP in promoter chr8:55774059A>T
Genotype vs. gene_expression pvalue 0.055 23/2/0
Expression for transcript ENST00000260129/TGS1
350
300
250
200
150
100
AA
AT
TT
Genotype
Genotype vs. h3k27ac pvalue 0.053 14/2/0
H3K27ac coverage for promoter ENST00000260129/TGS1
1.25
1.20
1.15
1.10
1.05
1.00
AA
AT
TT
Genotype

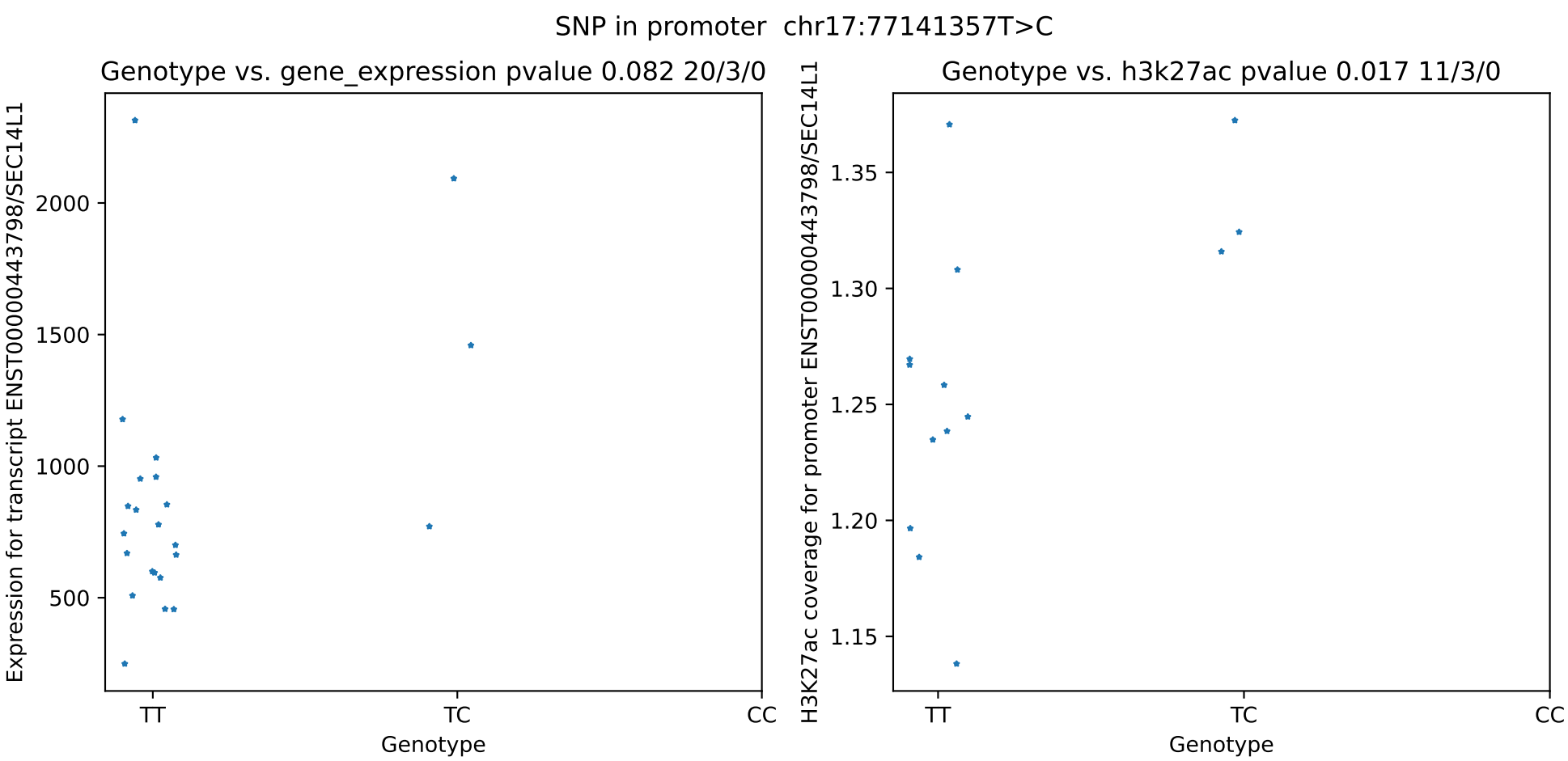

SNP in promoter chr17:77141357T>C
Genotype vs. gene_expression pvalue 0.066 20/3/0
Expression for transcript ENST00000585618/SEC14L1
2250
2000
1750
1500
1250
1000
750
500
250
TT
TC
CC
Genotype
Genotype vs. h3k27ac pvalue 0.017 11/3/0
H3K27ac coverage for promoter ENST00000585618/SEC14L1
1.35
1.30
1.25
1.20
1.15
TT
TC
CC
Genotype

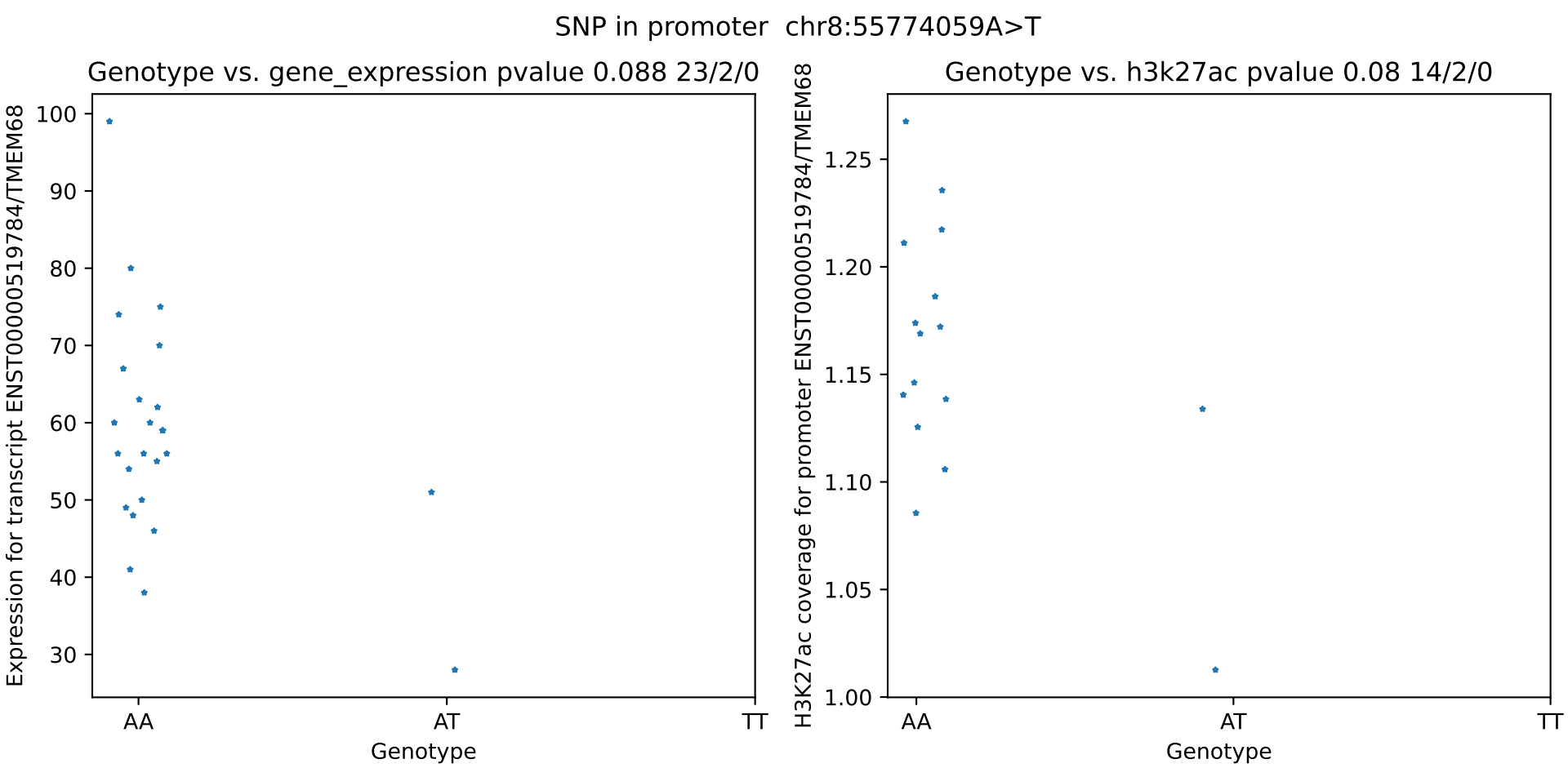

SNP in promoter chr8:55774059A>T
Genotype vs. gene_expression pvalue 0.07 23/2/0
Expression for transcript ENST00000434581/TMEM68
160
140
120
100
80
60
AA
AT
TT
Genotype
Genotype vs. h3k27ac pvalue 0.08 14/2/0
H3K27ac coverage for promoter ENST00000434581/TMEM68
1.25
1.20
1.15
1.10
1.05
1.00
AA
AT
TT
Genotype

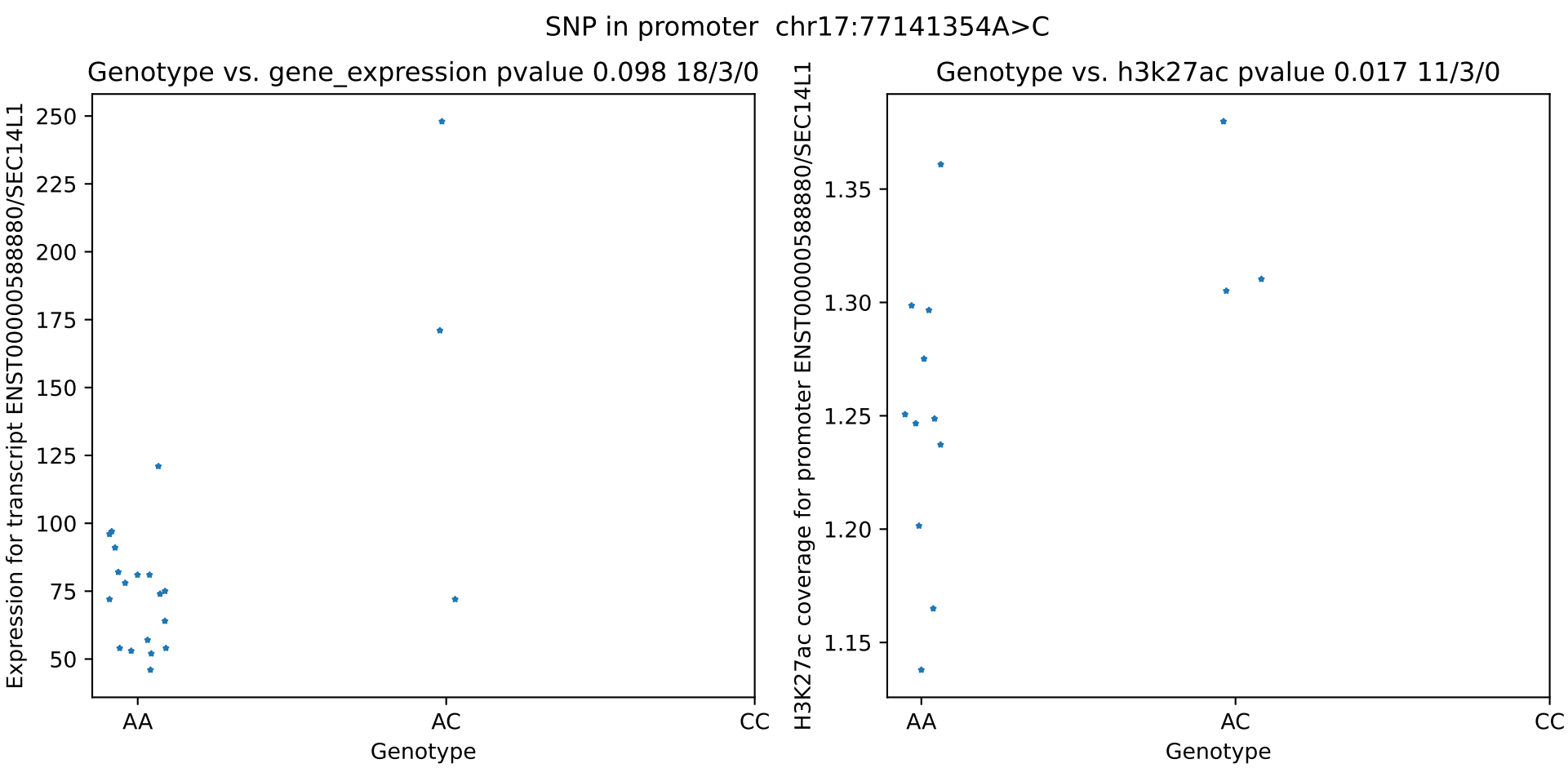

SNP in promoter chr8:55774059A>T
Genotype vs. gene_expression pvalue 0.07 23/2/0
Expression for transcript ENST00000334667/TMEM68
140
120
100
80
60
AA
AT
TT
Genotype
Genotype vs. h3k27ac pvalue 0.08 14/2/0
H3K27ac coverage for promoter ENST00000334667/TMEM68
1.25
1.20
1.15
1.10
1.05
1.00
AA
AT
TT
Genotype

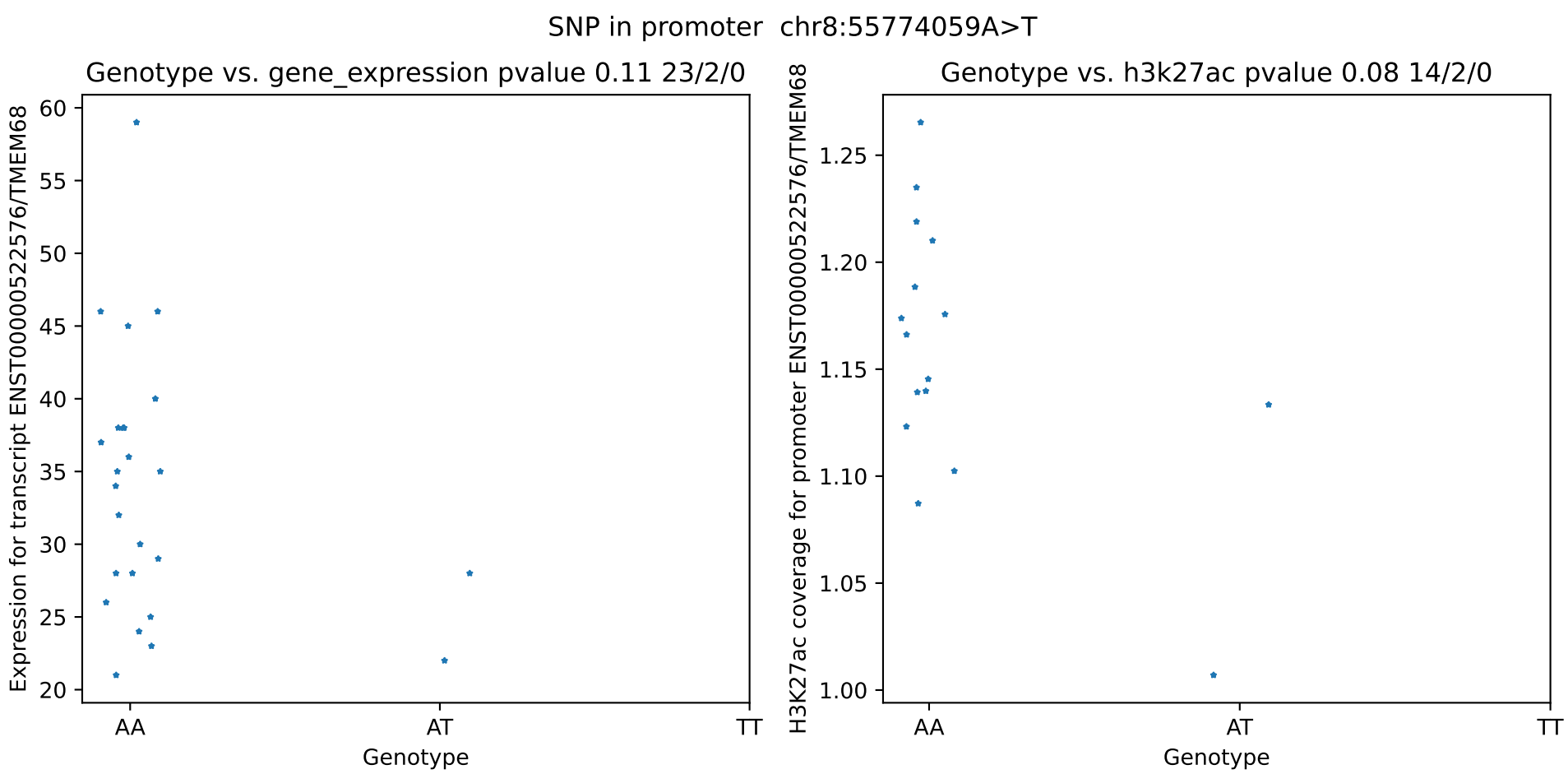

SNP in promoter chr8:55774059A>T
Genotype vs. gene_expression pvalue 0.07 23/2/0
Expression for transcript ENST00000523423/TMEM68
70
60
50
40
30
AA
AT
TT
Genotype
Genotype vs. h3k27ac pvalue 0.08 14/2/0
H3K27ac coverage for promoter ENST00000523423/TMEM68
1.25
1.20
1.15
1.10
1.05
1.00
AA
AT
TT
Genotype

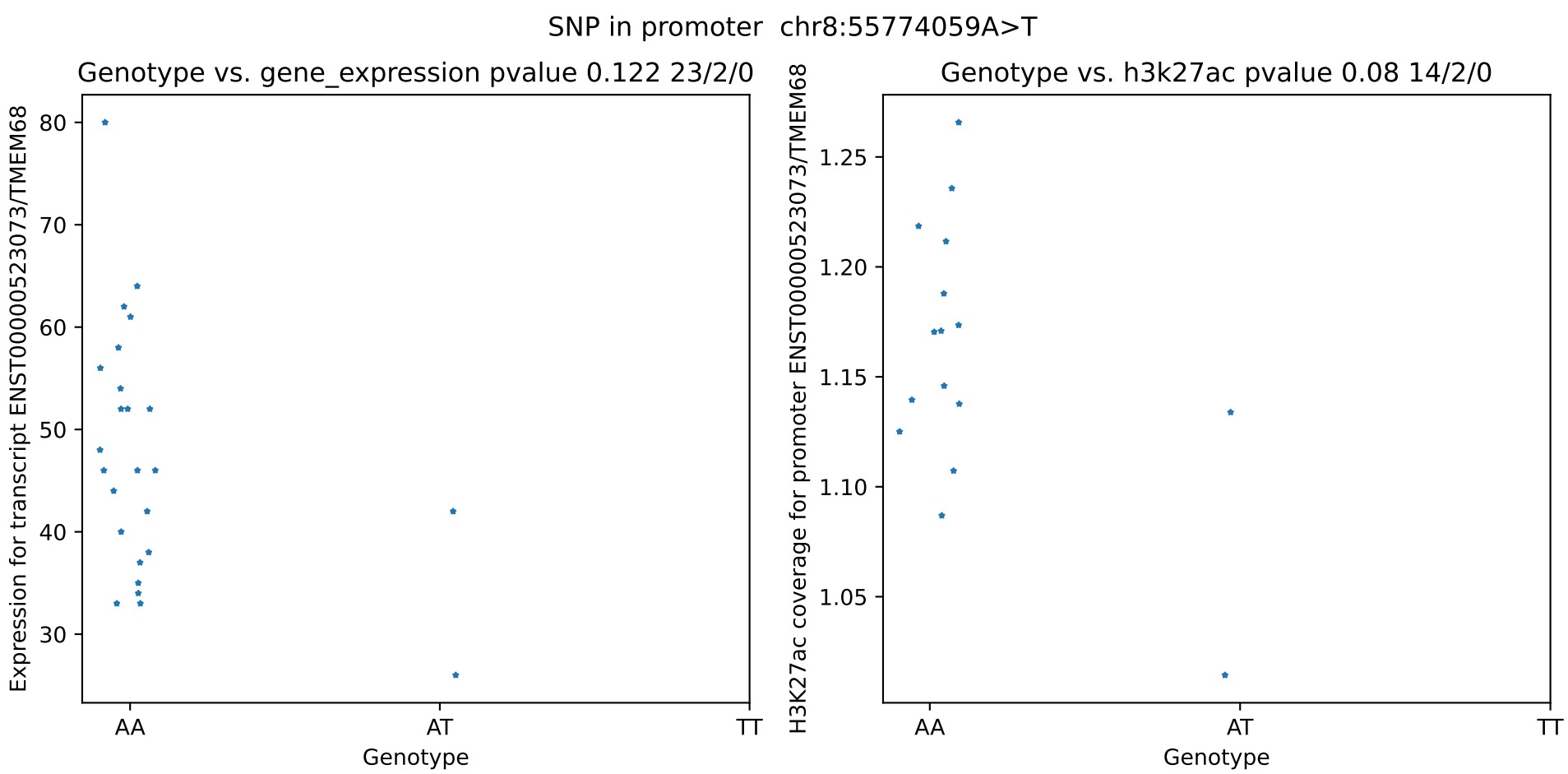

SNP in promoter chr17:77141357T>C
Genotype vs. gene_expression pvalue 0.082 20/3/0
Expression for transcript ENST00000587820/SEC14L1
450
400
350
300
250
200
150
100
50
TT
TC
CC
Genotype
Genotype vs. h3k27ac pvalue 0.029 11/3/0
H3K27ac coverage for promoter ENST00000587820/SEC14L1
1.30
1.25
1.20
1.15
1.10
1.05
TT
TC
CC
Genotype

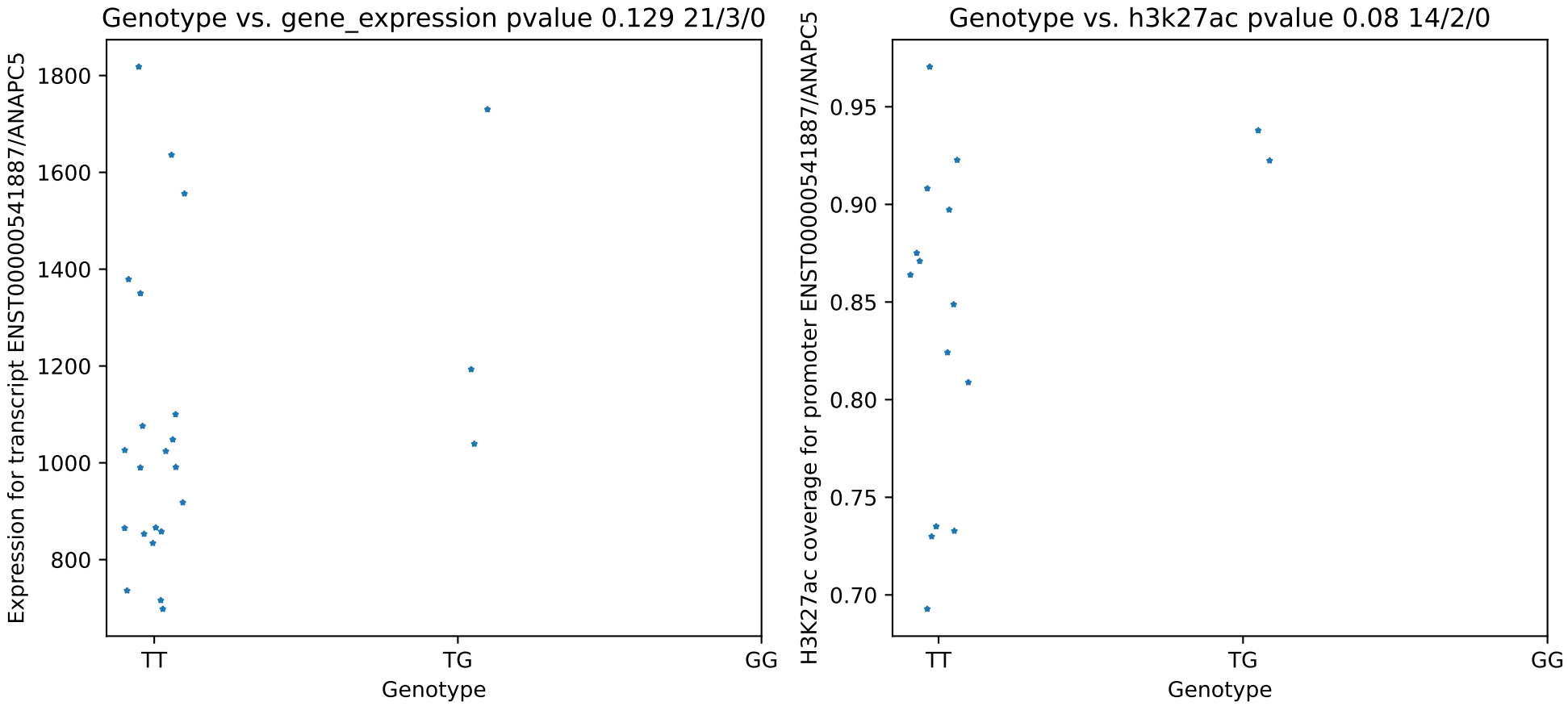

SNP in promoter chr17:77141357T>C
Genotype vs. gene_expression pvalue 0.082 20/3/0
Expression for transcript ENST00000443798/SEC14L1
2000
1500
1000
500
TT
TC
CC
Genotype
Genotype vs. h3k27ac pvalue 0.017 11/3/0
H3K27ac coverage for promoter ENST00000443798/SEC14L1
1.35
1.30
1.25
1.20
1.15
TT
TC
CC
Genotype

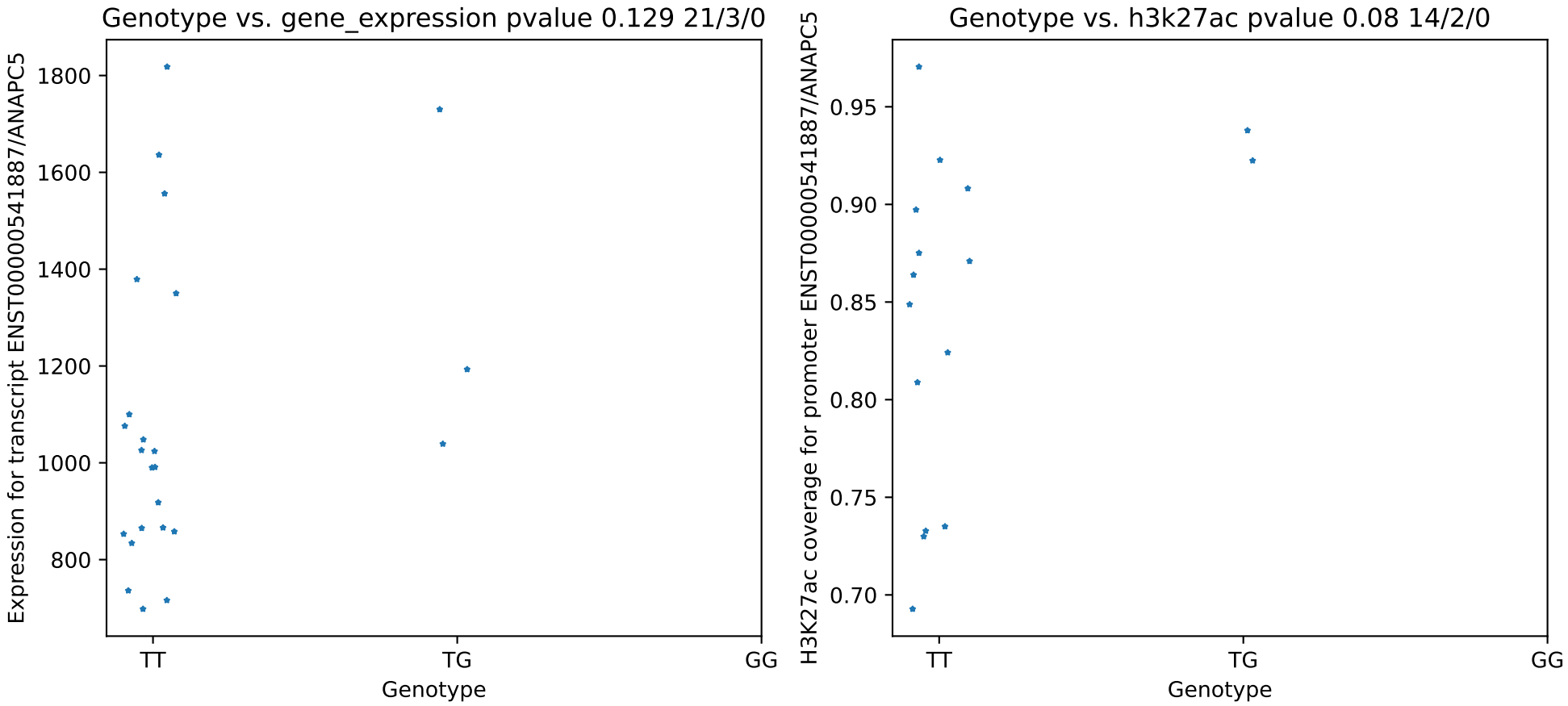

SNP in promoter chr8:55774059A>T
Genotype vs. gene_expression pvalue 0.088 23/2/0
Expression for transcript ENST00000519784/TMEM68
100
90
80
70
60
50
40
30
AA
AT
TT
Genotype
Genotype vs. h3k27ac pvalue 0.08 14/2/0
H3K27ac coverage for promoter ENST00000519784/TMEM68
1.25
1.20
1.15
1.10
1.05
1.00
AA
AT
TT
Genotype

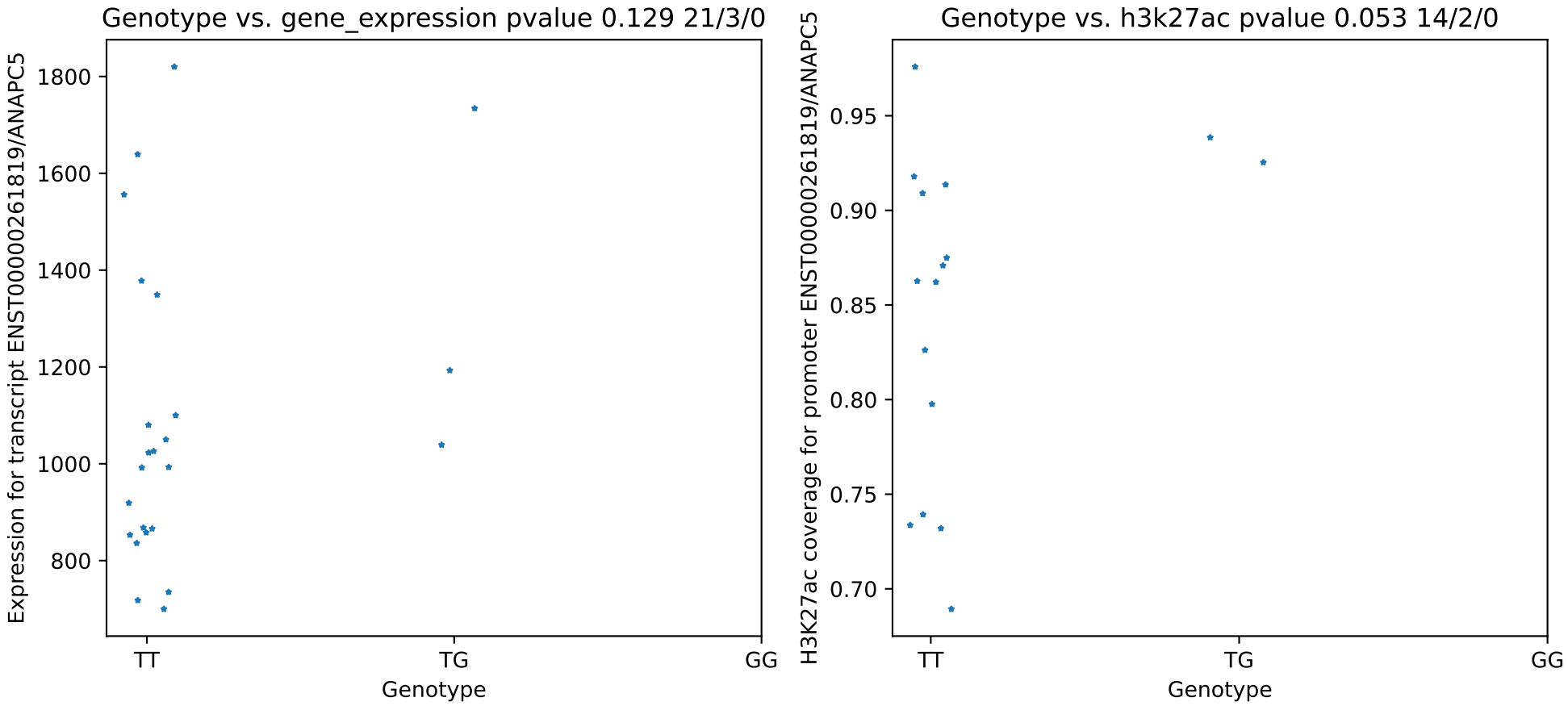

SNP in promoter chr17:77141354A>C
Genotype vs. gene_expression pvalue 0.098 18/3/0
Expression for transcript ENST00000588880/SEC14L1
250
225
200
175
150
125
100
75
50
AA
AC
CC
Genotype
Genotype vs. h3k27ac pvalue 0.017 11/3/0
H3K27ac coverage for promoter ENST00000588880/SEC14L1
1.35
1.30
1.25
1.20
1.15
AA
AC
CC
Genotype

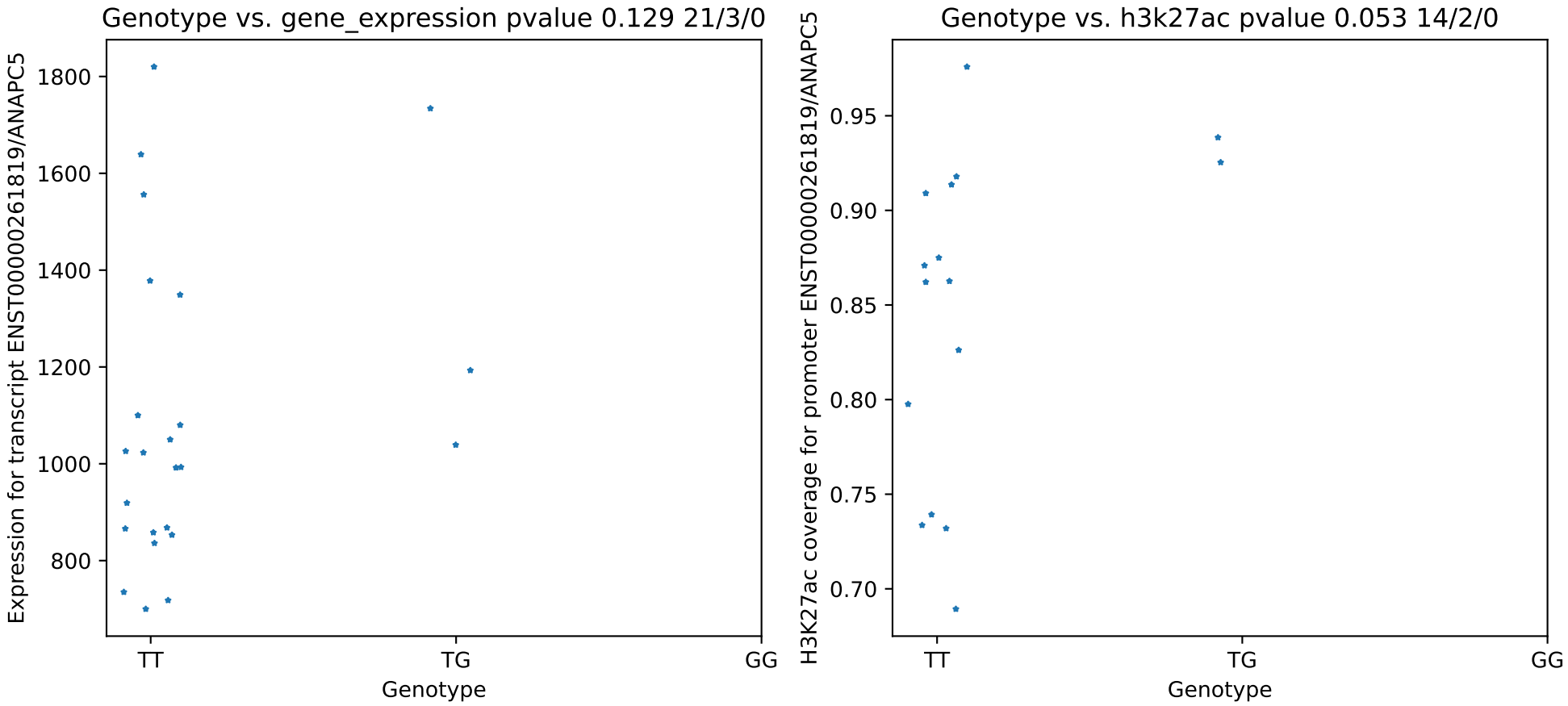

SNP in promoter chr8:55774059A>T
Genotype vs. gene_expression pvalue 0.11 23/2/0
Expression for transcript ENST00000522576/TMEM68
60
55
50
45
40
35
30
25
20
AA
AT
TT
Genotype
Genotype vs. h3k27ac pvalue 0.08 14/2/0
H3K27ac coverage for promoter ENST00000522576/TMEM68
1.25
1.20
1.15
1.10
1.05
1.00
AA
AT
TT
Genotype

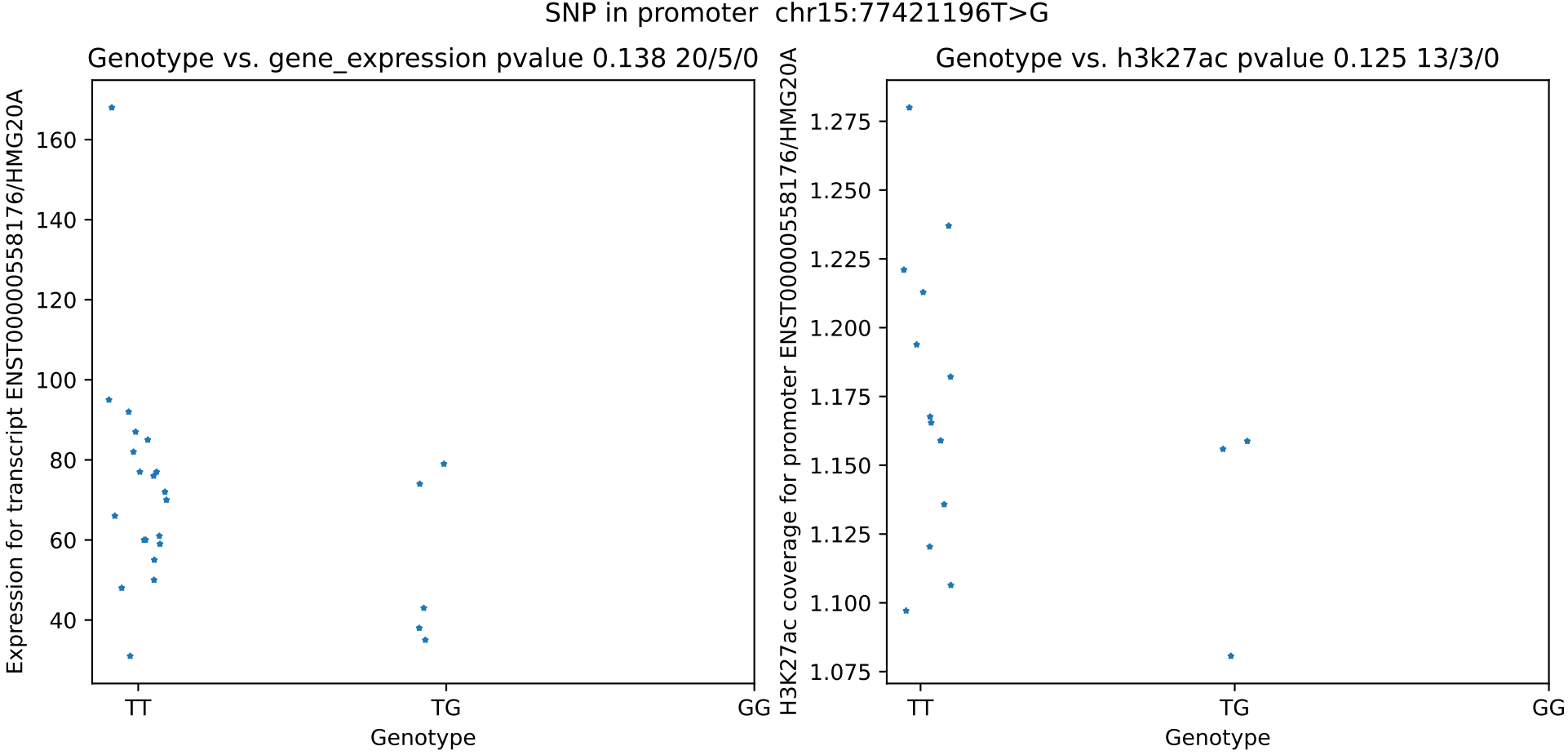

SNP in promoter chr8:55774059A>T
Genotype vs. gene_expression pvalue 0.122 23/2/0
Expression for transcript ENST00000523073/TMEM68
80
70
60
50
40
30
AA
AT
TT
Genotype
Genotype vs. h3k27ac pvalue 0.08 14/2/0
H3K27ac coverage for promoter ENST00000523073/TMEM68
1.25
1.20
1.15
1.10
1.05
AA
AT
TT
Genotype

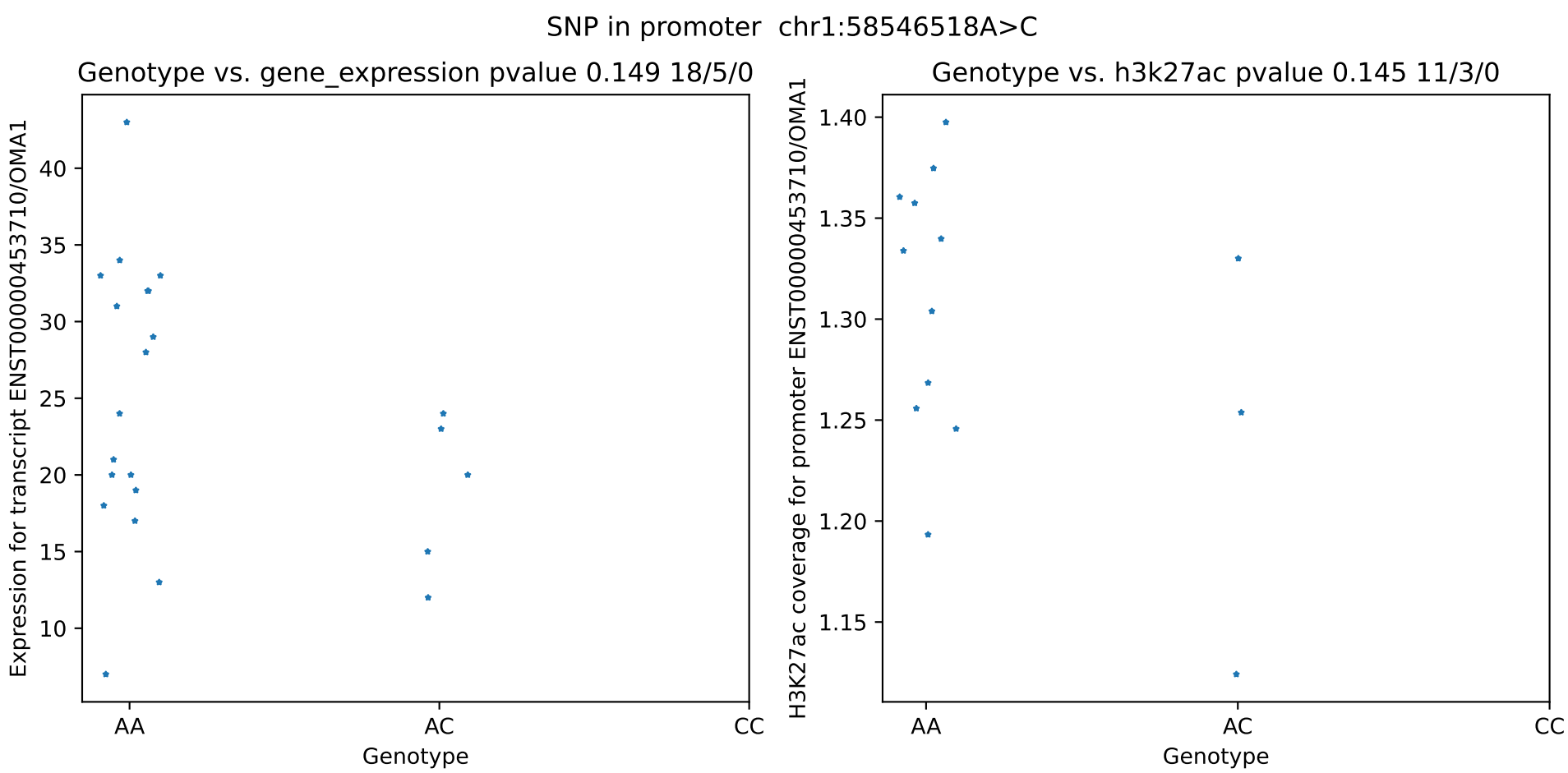

SNP in promoter chr12:121352747T>G
Genotype vs. gene_expression pvalue 0.129 21/3/0
Expression for transcript ENST00000541887/ANAPC5
1800
1600
1400
1200
1000
800
TT
TG
GG
Genotype
Genotype vs. h3k27ac pvalue 0.08 14/2/0
H3K27ac coverage for promoter ENST00000541887/ANAPC5
0.95
0.90
0.85
0.80
0.75
0.70
TT
TG
GG
Genotype


SNP in promoter chr12:121352744T>G
Genotype vs. gene_expression pvalue 0.129 21/3/0
Expression for transcript ENST00000541887/ANAPC5
1800
1600
1400
1200
1000
800
TT
TG
GG
Genotype
Genotype vs. h3k27ac pvalue 0.08 14/2/0
H3K27ac coverage for promoter ENST00000541887/ANAPC5
0.95
0.90
0.85
0.80
0.75
0.70
TT
TG
GG
Genotype


SNP in promoter chr12:121352744T>G
Genotype vs. gene_expression pvalue 0.129 21/3/0
Expression for transcript ENST00000261819/ANAPC5
1800
1600
1400
1200
1000
800
TT
TG
GG
Genotype
Genotype vs. h3k27ac pvalue 0.053 14/2/0
H3K27ac coverage for promoter ENST00000261819/ANAPC5
0.95
0.90
0.85
0.80
0.75
0.70
TT
TG
GG
Genotype


SNP in promoter chr12:121352747T>G
Genotype vs. gene_expression pvalue 0.129 21/3/0
Expression for transcript ENST00000261819/ANAPC5
1800
1600
1400
1200
1000
800
TT
TG
GG
Genotype
Genotype vs. h3k27ac pvalue 0.053 14/2/0
H3K27ac coverage for promoter ENST00000261819/ANAPC5
0.95
0.90
0.85
0.80
0.75
0.70
TT
TG
GG
Genotype


SNP in promoter chr15:77421196T>G
Genotype vs. gene_expression pvalue 0.138 20/5/0
Expression for transcript ENST00000558176/HMG20A
160
140
120
100
80
60
40
TT
TG
GG
Genotype
Genotype vs. h3k27ac pvalue 0.125 13/3/0
H3K27ac coverage for promoter ENST00000558176/HMG20A
1.275
1.250
1.225
1.200
1.175
1.150
1.125
1.100
1.075
TT
TG
GG
Genotype


SNP in promoter chr1:58546518A>C
Genotype vs. gene_expression pvalue 0.149 18/5/0
Expression for transcript ENST00000453710/OMA1
40
35
30
25
20
15
10
AA
AC
CC
Genotype
Genotype vs. h3k27ac pvalue 0.145 11/3/0
H3K27ac coverage for promoter ENST00000453710/OMA1
1.40
1.35
1.30
1.25
1.20
1.15
AA
AC
CC
Genotype