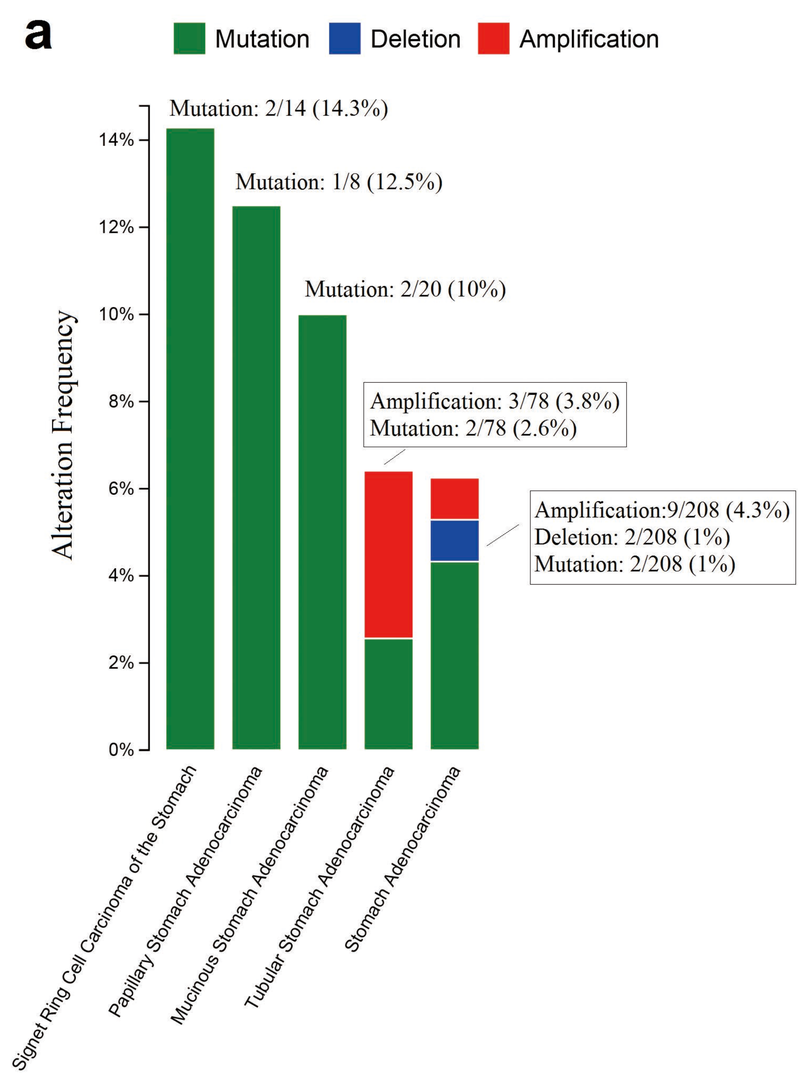
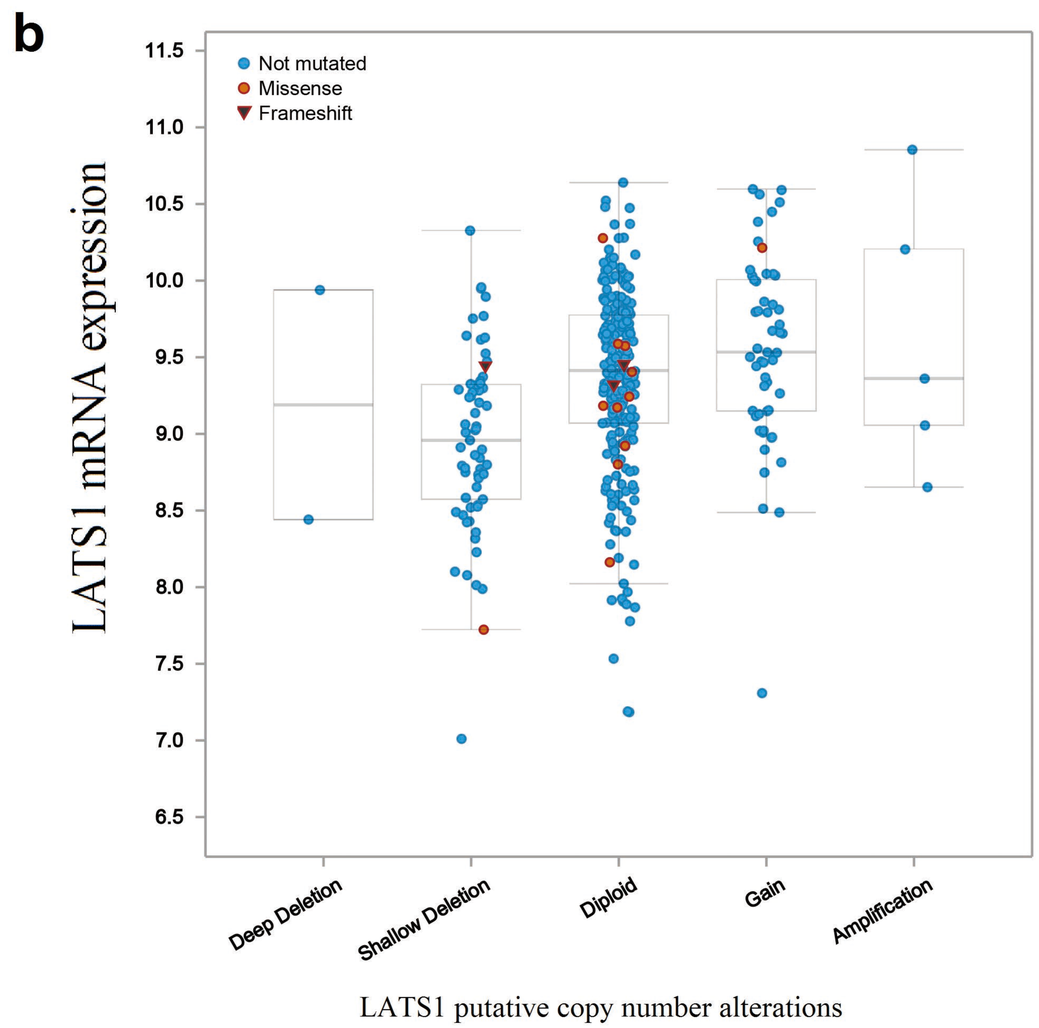
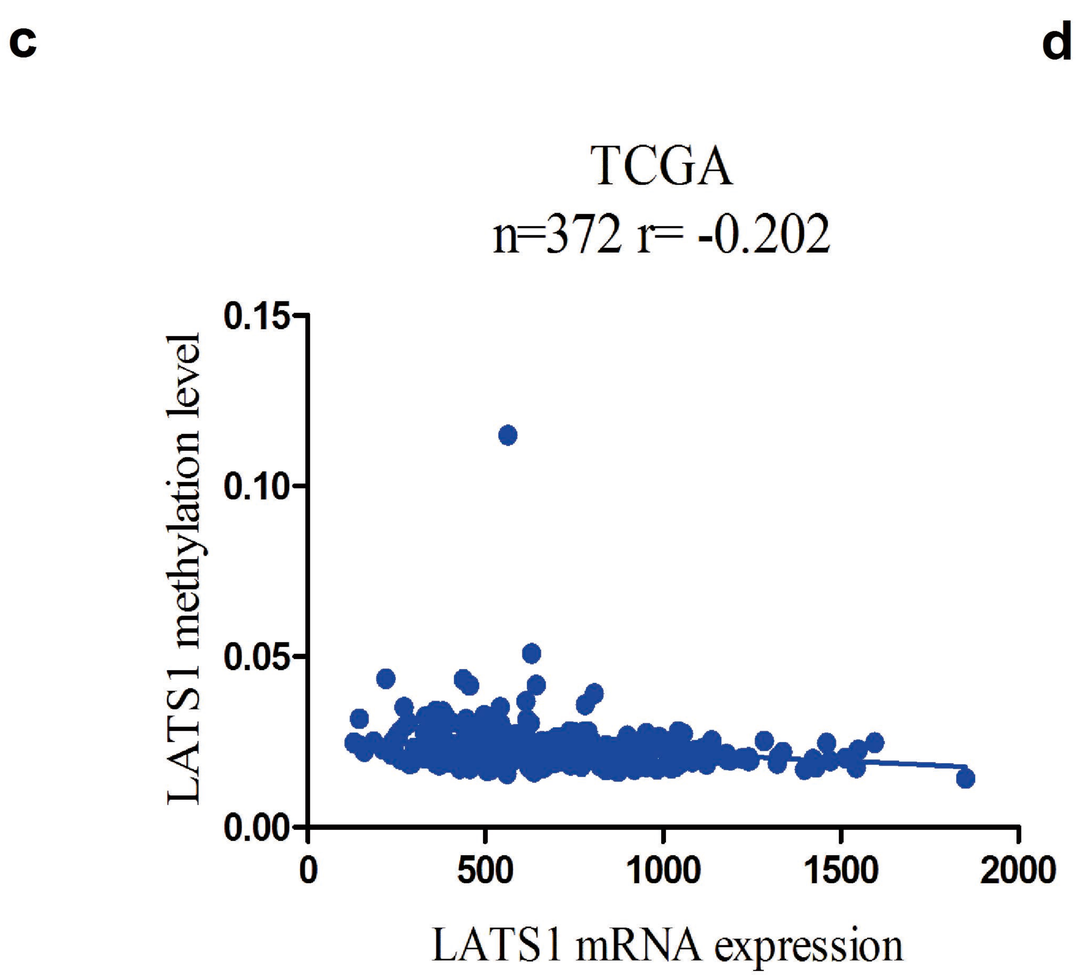
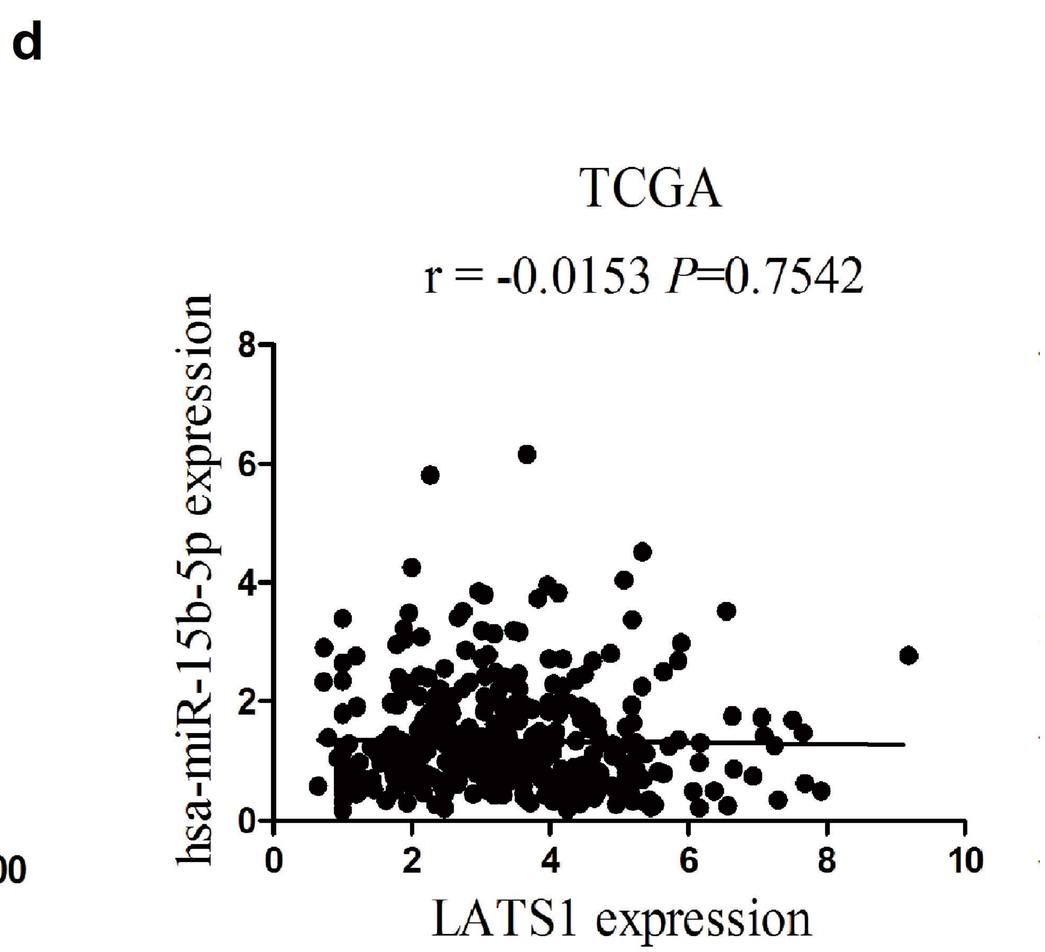

a
Mutation
Deletion
Amplification
Mutation: 2/14 (14.3%)
Mutation: 1/8 (12.5%)
Mutation: 2/20 (10%)
Amplification: 3/78 (3.8%)
Mutation: 2/78 (2.6%)
Amplification:9/208 (4.3%)
Deletion: 2/208 (1%)
Mutation: 2/208 (1%)
Alteration Frequency
14%
12%
10%
8%
6%
4%
2%
0%
Signet Ring Cell Carcinoma of the Stomach
Papillary Stomach Adenocarcinoma
Mucinous Stomach Adenocarcinoma
Tubular Stomach Adenocarcinoma
Stomach Adenocarcinoma


b
Not mutated
Missense
Frameshift
LATS1 mRNA expression
11.5
11.0
10.5
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
Deep Deletion
Shallow Deletion
Diploid
Gain
Amplification
LATS1 putative copy number alterations


c
TCGA
n=372 r= -0.202
LATS1 methylation level
0.15
0.10
0.05
0.00
0
500
1000
1500
2000
LATS1 mRNA expression


d
TCGA
r = -0.0153 P=0.7542
hsa-miR-15b-5p expression
8
6
4
2
0
0
2
4
6
8
10
LATS1 expression