Additional file 4

A: All SNVs

B: Oncogene
New cancer gene
Tumor suppressor gene
Neutral
Non-neutral
N/A

C: Non-COSMIC SNVs

D: CanDrA (breast)
FATHMM (missense)
Condel
CHASM (melanoma)
CHASM (lung)
CanDrA (lung)
CanDrA (breast)
FATHMM (cancer)
SIFT
PolyPhen-2
MutationTaster
VEST
Mutation Assessor
PROVEAN

1. negative: no agreement
2. 0.01−0.2: slight agreement
3. 0.21−0.4: fair agreement
4. 0.41−0.6: moderate agreement
5. 0.61−0.8: substantial agreement
6. 0.81−1.0: almost perfect agreement