Altered in 3 (37.5%) of 8 samples. 19 TMB No. of samples FXR1 12% VIPAS39 0% ACAP2 12% ACP3 0% ACSS3 0% ADGRF1 0% ER;AGER 0% AOX1 0% RHGAP21 0% ASTN2 0% ATAD2 12% ATG12 12% ATP2C1 0% BEND4 0% BRINP1 0% BTAF1 0%

12%

12%

0%

0%

■ Missense_Mutation ■ Multi_Hit

C2orf16

C4orf54

ACNA2D1

CACNG3

Altered in 4 (80%) of 5 samples. 39 TMB No. of samples FXR1 20% VIPAS39 20% ACAP2 0% ACP3 20% ACSS3 20% ADGRF1 20% 0% ER;AGER AOX1 20% RHGAP21 20% ASTN2 20% ATAD2 0% ATG12 0% ATP2C1 20% BEND4 20% BRINP1 20% BTAF1 20% C2orf16 0%

0%

20%

20%

Missense_MutationFrame_Shift_DelMulti_Hit

C4orf54

ACNA2D1

CACNG3