

RNA expression of MAP3K5 interacting partners SGK1 PIM1 ERN1 MAP2K7 3.7 6.30 3.4 7.0 3.5 6.25 3.3 6.5 3.3 3.2 6.20 6.0 3.1 3.1 6.15 3.0 Vemurafenib † Vemurafenib † Trametinib | Combinations Combinations | Combinations | Vemurafenib † Trametinib + Combinations | Vemurafenib + Trametinib + Trametinib 4 Untreated + Untreated 1 Untreated + Untreated + MAP3K5 MAP2K6 MAP2K3 MAP3K6 4.8 5.8 3.5 6.5 4.6 5.6 ko 3.0 6.0 5.4 ARID1A_KO WT 2.5 5.5 5.2 4.0 2.0 5.0 5.0 Untreated | Vemurafenib Trametinib Vemurafenib Combinations Vemurafenib † Combinations Combinations Vemurafenib 🕇 Trametinib + Combinations + $U^{ntreated}$ Trametinib + Trametinib + Untreated + Untreated 1 ZNF622 DAB2IP 6.5 6.4 6.3 6.4 6.2 6.3 6.1 6.2 Trametinib 6.0 Vemurafenib Combinations Combinations | Vemurafenib + Trametinib + Untreated 1 Untreated +

RNA expression

Drug treatment

Protein abundance of FGFR1 interacting partners CRK FGFR1 FGFR2 16.7 17.4 -17.4 16.6 Protein abundance ko 17.2 -17.2 ARID1A_KO WT 16.4 16.3 17.0 17.0 -16.2 Untreated | Untreated Vemurafenib 🕂 Untreated

Vemurafenib

Trametinib

Combinations Vemurafenib -Trametinib + Combinations Trametinib -Combinations -Drug treatment

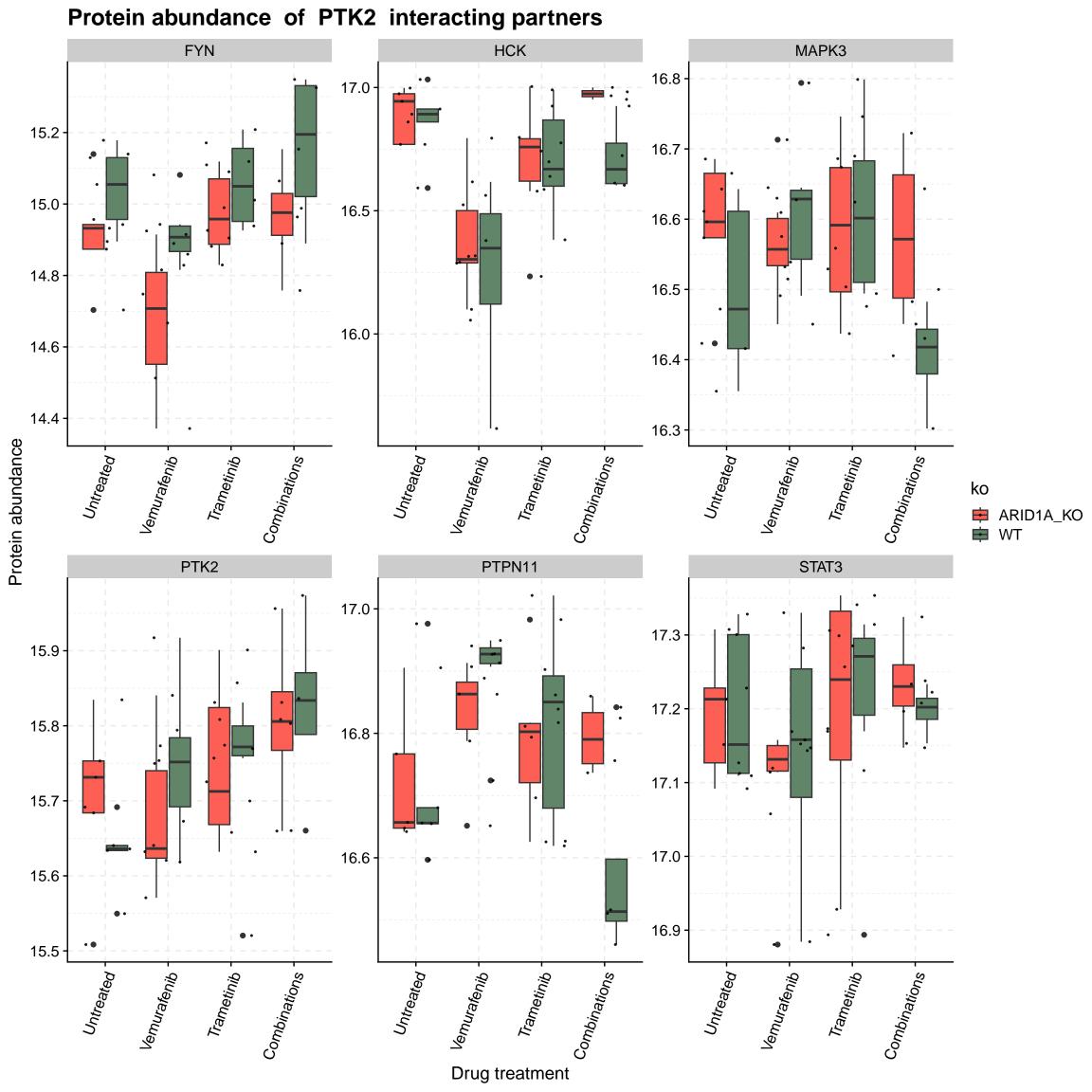
RNA expression of FGFR1 interacting partners CRK FGFR1 FGFR2 7.5 -5.75 0 5.50 7.4 5.25 7.3 5.00 -2 4.75 Combinations Combinations | Vemurafenib 🕂 Vemurafenib + Combinations | Untreated + Trametinib + Untreated 1 Trametinib + Untreated 1 Trametinib + Vemurafeni_b 4 RNA expression ko **≢** ARID1A_KO WT FGF2 OBSCN FGF1 4.6 -4.4 4.2 4 4.2 3.9 3 -4.0 3.6 3.8 2 -┿. 3.6 Combinations Untreated Combinations | Combinations | Untreated | Trametinib + Vemurafenib -Trametinib -Vemurafenib + Trametinib + Untreated 4 Vemurafenib + Drug treatment

Protein abundance of FGFR2 interacting partners CRK FGFR1 16.7 17.4 16.6 16.5 17.2 16.4 16.3 17.0 16.2 Protein abundance $U^{ntreated}$ Combinations + Trametinib + Untreated + Vemurafeni_b 4 Trametinib 4 Combinations + Vemurafenib 4 ko ARID1A_KO WT FGFR2 TCF3 15.4 17.4 15.2 17.2 15.0 17.0 Combinations Combinations -Untreated | Trametinib 4 Untreated + Vemurafenib 4 Vemurafeni_b 4 Trametinib 4 Drug treatment

RNA expression of FGFR2 interacting partners CRK FGFR1 TCF3 6.6 7.5 5.75 6.5 6.4 5.50 7.4 6.3 5.25 6.2 7.3 5.00 6.1 4.75 Vemurafenib † Vemurafenib Combinations Combinations + $U^{ntreate_{Q}}$ Trametinib + Combinations + Trametinib † Untreated + Trametinib + Untreated + Vemurafenib 4 FGFR2 FGF2 CTGF 4.6 -1 5.0 4.4 RNA expression 0 4.5 ko 4.2 4.0 4.0 3.5 3.8 -2 3.0 3.6 Combinations | Untreated Combinations Vemurafenib Combinations Vemurafenib † Untreated | Vemurafenib | Trametinib + Trametinib + Untreated | Trametinib + FGF1 5 4 3 2 · Untreated + Combinations | Trametinib 4 Vemurafenib 4

Protein abundance of MAP2K3 interacting partners MAP2K3 MAP2K6 MAP3K6 16.9 16.8 16.8 14 -16.7 16.6 Protein abundance ko • ARID1A_KO WT 16.6 12 -16.5 16.4 16.4 10 -^{Tr}ametinib | Combinations -Untreated Vemurafenib 🕂 Untreated | Vemurafenib + Trametinib -Untreated -^{Tr}ametinib -Drug treatment

RNA expression of MAP2K3 interacting partners MAP2K6 MAP2K3 4.8 6.5 4.6 6.0 4.4 4.2 5.5 4.0 5.0 Trametinib + Combinations + Vemurafenib 4 Combinations 4 Vemurafenib 4 RNA expression ko ARID1A_KO WT MAP3K5 MAP3K6 5.8 3.5 5.6 3.0 5.4 2.5 5.2 -2.0 5.0 $U^{ntreated}$ Vemurafenib + Combinations + Untreated | Trametinib + Combinations 1 Vemurafenib 4 Trametinib + Drug treatment



RNA expression of PTK2 interacting partners MAPK3 FYN PTK2 STAT3 8.1 7.2 5.75 6.4 8.0 7.1 5.50 7.9 6.2 7.0 5.25 7.8 6.9 5.00 6.0 6.8 7.7 4.75 Combinations Combinations Vemurafenib + Untreated | Vemurafenib + Vemurafenib + Untreated ↑ Vemurafenib 🕂 Trametinib + Combinations + Untreated + Trametinib + Trametinib + Combinations + Untreated ↓ Trametinib 4 DISC1 TP53 PTPN11 SH2D1B 8.4 7.2 2.5 7.1 0 8.2 ko 7.0 2.0 ARID1A_KO WT 6.9 8.0 1.5 6.8 -2 6.7 7.8 1.0 -3 Combinations Vemurafenib Trametinib Vemurafenib | $U^{ntreated}$ Vemurafenib † Combinations Vemurafenib + Trametinib | Trametinib | Trametinib | Combinations | Untreated | Combinations | Untreated | Untreated | EPHA4 EMP2 7.25 5 7.00 4 6.75 6.50 3 6.25 2 6.00 Combinations Combinations + Untreated | Vemurafenib + Trametinib | Untreated 1 ^{Ve}murafenib. 4 Trametinib +

Drug treatment

RNA expression