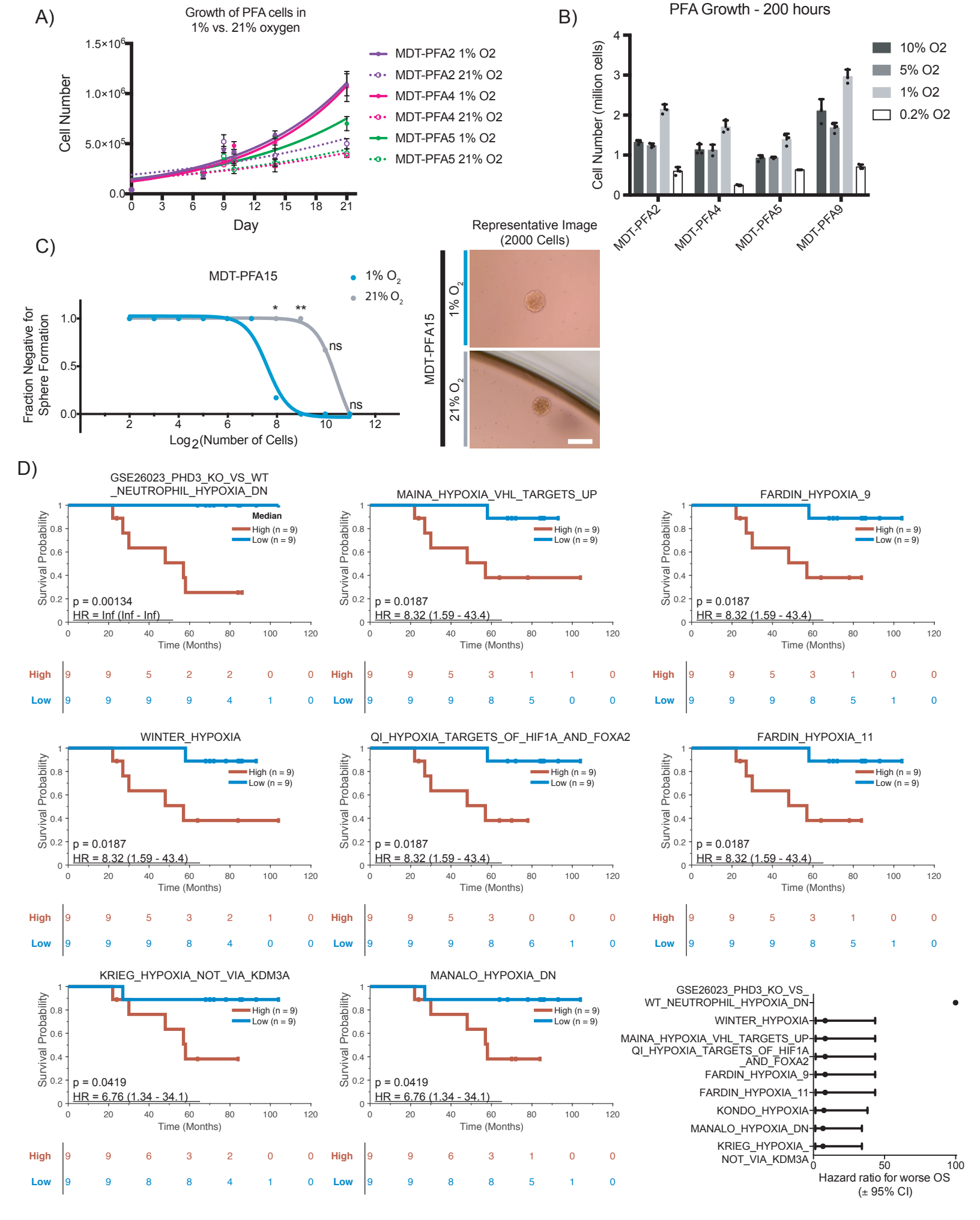
Figure S1


A)
Growth of PFA cells in 1% vs. 21% oxygen
Cell Number
Day
MDT-PFA2 1% O2
MDT-PFA2 21% O2
MDT-PFA4 1% O2
MDT-PFA4 21% O2
MDT-PFA5 1% O2
MDT-PFA5 21% O2
B)
PFA Growth - 200 hours
Cell Number (million cells)
10% O2
5% O2
1% O2
0.2% O2
MDT-PFA2
MDT-PFA4
MDT-PFA5
MDT-PFA9
C)
MDT-PFA15
1% O2
21% O2
Fraction Negative for Sphere Formation
Log2(Number of Cells)
ns
Representative Image (2000 Cells)
D)
GSE26023_PHD3_KO_VS_WT_NEUTROPHIL_HYPOXIA_DN
p = 0.00134
HR = Inf (Inf - Inf)
MAINA_HYPOXIA_VHL_TARGETS_UP
p = 0.0187
HR = 8.32 (1.59 - 43.4)
FARDIN_HYPOXIA_9
WINTER_HYPOXIA
QI_HYPOXIA_TARGETS_OF_HIF1A_AND_FOXA2
FARDIN_HYPOXIA_11
KRIEG_HYPOXIA_NOT_VIA_KDM3A
p = 0.0419
HR = 6.76 (1.34 - 34.1)
MANALO_HYPOXIA_DN
Survival Probability
Time (Months)
Median
High (n = 9)
Low (n = 9)
Hazard ratio for worse OS (± 95% CI)