Timelines of the genome-wide fitness screens
CarTScreening_CART0017_NgsGrna_051
Donor 2 I CD4 I Number gRNAs: 77536
CarTScreening_CART0017_NgsGrna_049
Donor 2 I CD4 I Number gRNAs: 77536
CarTScreening_CART0017_NgsGrna_047
Donor 2 I CD4 I Number gRNAs: 77536
CarTScreening_CART0017_NgsGrna_031
Donor 2 I CD4 I Number gRNAs: 77536
CarTScreening_CART0017_NgsGrna_026
Donor 2 I CD4 I Number gRNAs: 77536
CarTScreening_CART0017_NgsGrna_022
Donor 2 I CD4 I Number gRNAs: 77536
CARTS0017
CarTScreening_CART0043_NgsGrna_013
Donor 4 I CD4 I Number gRNAs: 77659
CarTScreening_CART0043_NgsGrna_012
Donor 2 I CD4 I Number gRNAs: 77659
CarTScreening_CART0043_NgsGrna_011
Donor 1 I CD4 I Number gRNAs: 77659
CarTScreening_CART0043_NgsGrna_010
Donor 4 I CD4 I Number gRNAs: 77659
CarTScreening_CART0043_NgsGrna_009
Donor 2 I CD4 I Number gRNAs: 77659
CarTScreening_CART0043_NgsGrna_008
Donor 1 I CD4 I Number gRNAs: 77659
CarTScreening_CART0043_NgsGrna_003
Donor 4 I CD4 I Number gRNAs: 77659
CarTScreening_CART0043_NgsGrna_002
Donor 2 I CD4 I Number gRNAs: 77659
CarTScreening_CART0043_NgsGrna_001
Donor 1 I CD4 I Number gRNAs: 77659
CART0043
anti–CD3/CD28
Transduction
Puromycin
Electroporation
Cas9 CAMEL
Cas9 Trilink
Blasticidin
K562–CD19–mGFP
168 hrs I Target/CART: 0.8
168 hrs I Target/CART: 0.3
144 hrs I Target/CART: 0.8
96 hrs I Target/CART: 1
72 hrs I Target/CART: 1
Readout
–14 –13 –12 –11 –10 –9 –8 –7 –6 –5 –4 –3 –2 –1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
Day relative to transduction