clonality

normalsample_4SubClones_0.3   TP_4SubClones0.9

clone.germline

KMT2D (12) nonsynony
TSC2 (16) nonsynonym
TP53 (17) nonsynonym
ELF4 (X) nonsynonymo
WT1 (11) nonsynonymo
KDM6A (X) nonsynonym
STAG2 (X) nonsynonym
KRAS (12) nonsynonym
89Mbp AAAAA (8)
48Mbp AA (8)
39Mbp AAB (4)
37Mbp AAB (5)
34Mbp A (2)
34Mbp A (22)
30Mbp AAB (10)
and more...

IDH2 (15) nonsynonym
FLT3 (13) nonsynonym
WT1 (11) nonsynonymo
PHF6 (X) nonsynonymo
RUNX1 (21) nonsynony
CIC (19) nonsynonymo
FLT3 (13) nonsynonym
DNMT3A (2) nonsynony
EZH2 (7) nonsynonymo
TET2 (4) nonsynonymo
TET2 (4) nonsynonymo
DNMT3A (2) nonsense
TET2 (4) nonsynonymo
PCM1 (8) nonsynonymo
RUNX1 (21) nonsynony
and more...

TCL1A (14) nonsynony
TP53 (17) nonsynonym
TP53 (17) spliceSite
LRIG3 (12) nonsynony
MDM2 (12) nonsynonym
KRAS (12) nonsynonym
12Mbp CL (5)
NDC80 (18) nonsense
OR3A2 (17) nonsense
NLRP13 (19) nonsense
TAAR9 (6) nonsense
GPR22 (7) nonsense
EYS (6) nonsense
ECPAS (9) nonsense
COLEC12 (18) nonsyno
and more...

TMTC3 (12) nonsense
RPL5 (1) spliceSite
PMS1 (2) nonsense
CCDC160 (X) nonsense
SYNJ1 (21) nonsense
LYZL1 (10) nonsense
ADCY9 (16) nonsense
SLC35D2 (9) nonsense
MEIOC (17) nonsense
ZSWIM7 (17) nonsense
ARID4A (14) nonsense
PNPLA8 (7) nonsense
ANKRD31 (5) nonsense
DGKB (7) nonsense
SEMA3D (7) nonsense
and more...

PTCH1 (9) nonsynonym
CBL (11) nonsynonymo
ATP2B3 (X) nonsynony
RUNX1 (21) nonsynony
IDH2 (15) nonsynonym
TET2 (4) nonsynonymo
DNMT3A (2) spliceSit
DNMT3A (2) nonsynony
MPL (1) nonsynonymou
CSF3R (1) nonsynonym
DNMT3A (2) nonsynony
KIT (4) nonsynonymou
TET2 (4) nonsynonymo
DNMT3A (2) nonsense
CD74 (5) nonsynonymo
and more...

FLT3 (13) nonsynonym
FLT3 (13) nonsense
CEBPA (19) nonsynony
DNMT3A (2) nonsynony
MYB (6) nonsense
EWSR1 (22) spliceSit
55Mbp AAB (3)
48Mbp A (18)
40Mbp A (21)
38Mbp A (9)
15Mbp AAB (6)
15Mbp A (6)
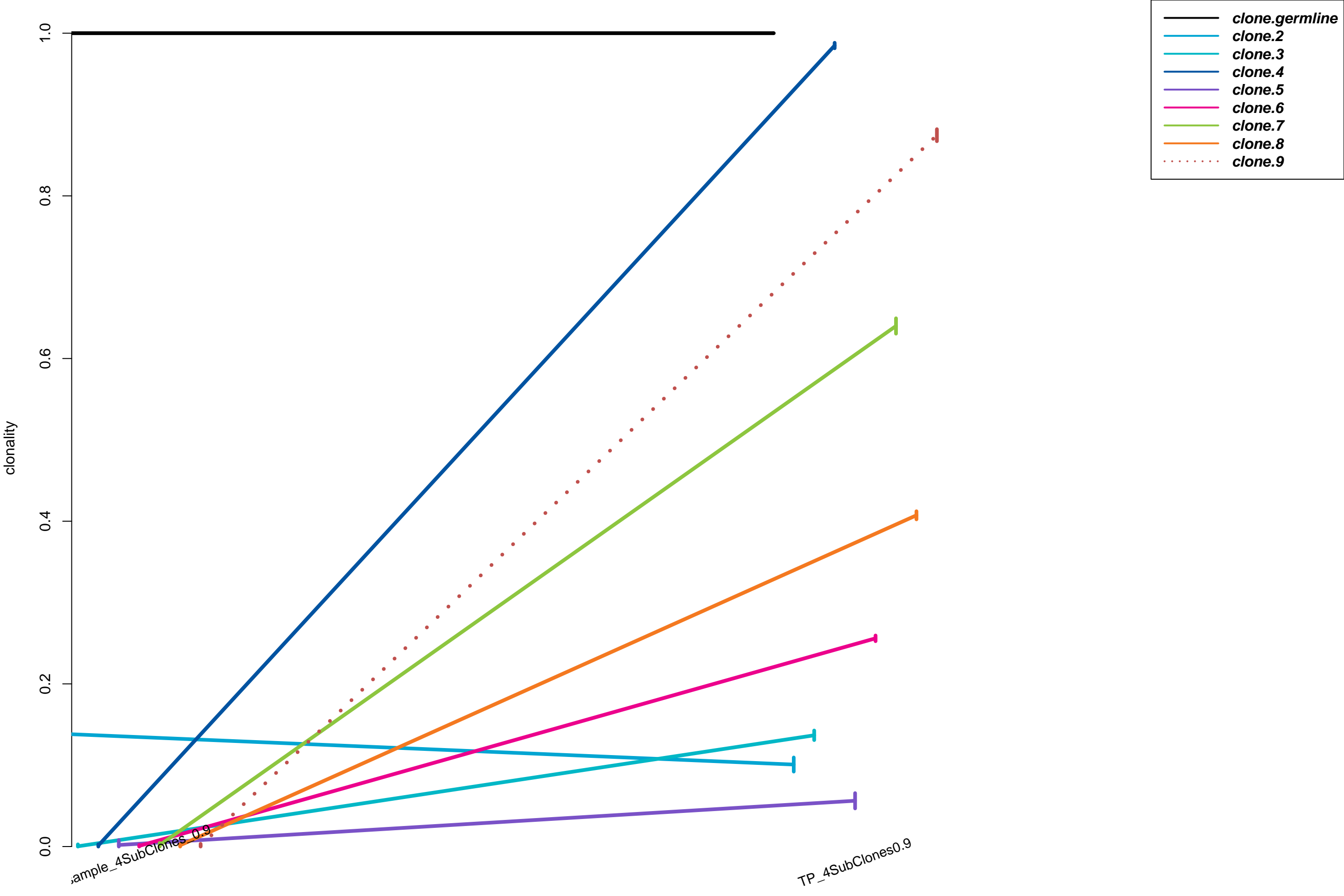*12Mbp AAB (15)*
11Mbp AAB (7)
11Mbp A (16)
and more...

TET2 (4) nonsynonymo
DNMT3A (2) nonsynony
TET2 (4) nonsense
TET2 (4) nonsynonymo
ARID1A (1) nonsynony
TET2 (4) nonsynonymo
RAP1GDS1 (4) nonsyno
SND1 (7) nonsynonymo
EZH2 (7) nonsynonymo
NT5C2 (10) nonsynony
TP53 (17) nonsynonym
ARID2 (12) nonsynony
KDM5C (X) nonsynonym
TP53 (17) nonsynonym
FLT3 (13) nonsynonym
and more...

19Mbp AAAA (13)
17Mbp BBBBB (1)
ADAM10 (15) nonsense
TTN (2) nonsense
TTC3 (21) nonsynonym
IFNAR2 (21) nonsynon
DDB1 (11) nonsynonym
DMC1 (22) nonsynonym
DSC3 (18) nonsynonym
ANO3 (11) nonsynonym
PTENP1 (9) promoter
APOBEC3D (22) intron
TTC3 (21) intron
NDUFV1 (11) intron
CCDC7 (10) intron

37Mbp AAB (5)
UBAC2 (13) nonsynonymous
TCEAL1 (X) synonymous
PKD1L2 (16) nonsynonymous
STAG2 (X) nonsense
SLC17A9 (20) nonsense
TRPM3 (9) nonsynonymous
ADCY6 (12) promoter
AP1G2 (14) nonsynonymous
IL1RAPL2 (X) nonsynonymous
TP53 (17) nonsynonymous
SMAD9 (13) synonymous
19Mbp AA (8)
TMCO3 (13) nonsynonymous
CLUL1 (18) intron
UCMA (10) synonymous
SFXN2 (10) nonsynonymous
DNAH3 (16) nonsynonymous
INS-IGF2 (11) nonsynonymous
CAMK1G (1) synonymous
CYP4A22 (1) intron
VPS50 (7) intron
UNC80 (2) nonsynonymous
USF3 (1) nonsynonymous
RUFY1 (5) nonsynonymous
SLC26A6 (3) promoter
SLC6A20 (3) nonsynonymous
ATG16L1 (2) synonymous
HADH (4) nonsynonymous
TET2 (4) nonsynonymous
PCDHB1 (5) nonsynonymous
HS3ST1 (4) nonsynonymous
ITPR3 (6) nonsynonymous
ADGRV1 (5) nonsynonymous
FEZF2 (3) intron
GPATCH8 (17) intron
KIR3DX1 (19) synonymous
LRRN4 (20) nonsynonymous
SMC3 (10) nonsynonymous
ANK3 (10) nonsynonymous
LAMA1 (18) nonsynonymous
TMEFF1 (9) nonsynonymous
PTPRJ (11) nonsynonymous
RASIP1 (19) nonsynonymous
24Mbp A (11)
TEK (9) nonsynonymous
EWSR1 (22) spliceSite
ABHD1 (7) promoter
AGXT2 (5) nonsynonymous
SNED1 (2) synonymous
COL27A1 (9) nonsynonymous
QRICH2 (17) nonsynonymous
CNGA2 (X) synonymous
8Mbp AAB (2)
FLT1 (13) nonsynonymous
VPS13C (15) intron
ACSS1 (20) nonsynonymous
SEZ6 (17) nonsynonymous
SMAD7 (18) nonsynonymous
RIMS1 (6) nonsynonymous
RNASE4 (14) nonsynonymous
WSCD2 (12) nonsynonymous
FCGBP (19) nonsynonymous
CCDC180 (9) synonymous
17Mbp AAAAA (1)
ADAM11 (17) synonymous
ACACB (12) nonsynonymous
RUNX1 (21) nonsynonymous
ASXL1 (20) nonsynonymous
NTRK3 (15) nonsynonymous
FKTN (9) spliceSite
MAGEB10 (X) nonsynonymous
SLC22A20P (11) intergenic
PCDD2L (19) synonymous
SACS (13) nonsynonymous
SUPT20H (13) nonsynonymous
CEP78 (9) synonymous
KRT79 (12) nonsynonymous
VPS13A (9) intron
CABP2 (11) threeUTR
PRUNE2 (9) nonsynonymous
PLEKHH1 (14) nonsynonymous
TPH1 (11) nonsynonymous
CAPS2 (12) intron
TTN (2) synonymous
RC3H1 (1) intron
FAF1 (1) intron
HDAC3 (5) nonsynonymous
CGN (1) promoter
EZH2 (7) nonsynonymous
AP2M1 (3) nonsynonymous
QTRT2 (3) promoter
PRKAA2 (1) nonsynonymous
TTN (2) synonymous
OPRM1 (6) nonsynonymous
ADAMTS12 (5) nonsynonymous
TET2 (4) nonsynonymous
SRSF7 (2) promoter
ZNF496 (1) nonsynonymous
KIF6 (6) nonsynonymous
MYNN (3) nonsynonymous
BMP5 (6) synonymous
CHIT1 (1) synonymous
NIPBL (5) nonsynonymous
CENPE (4) intron
CC2D2A (4) promoter
ANKHD1-EIF4EBP3 (5) nonsynonym
AAK1 (2) nonsynonymous
ADGRB3 (6) intron
BLZF1 (1) nonsynonymous
PTPRN (2) synonymous
MTUS1 (8) nonsynonymous
7Mbp AA (2)
PRSS27 (16) nonsynonymous
17Mbp BBBBB (1)
IFNAR2 (21) nonsynonymous
SRPX (X) nonsynonymous
SMARCA4 (19) nonsynonymous
MYBPC1 (12) promoter
TBC1D8B (X) nonsynonymous
UBN2 (7) nonsynonymous
CUL1 (7) synonymous
GPR6 (6) nonsynonymous
LRRC58 (3) synonymous
BRPF1 (3) nonsynonymous
CNIH4 (1) intron
NEB (2) synonymous
GALNTL6 (4) nonsynonymous
HECW1 (7) nonsynonymous
CENPF (1) nonsynonymous
DNMT3A (2) nonsense
PHACTR1 (6) synonymous
NPL (1) intron
PIP (7) nonsynonymous
DNMT3A (2) nonsynonymous
MAPK10 (4) promoter
MPL (1) nonsynonymous
SLC4A5 (2) nonsynonymous
KIF15 (3) promoter
TET2 (4) nonsynonymous
EYS (6) spliceSite
MAPRE1 (20) intron
INTS8 (8) nonsynonymous
ARL3 (10) nonsynonymous
TMEM132C (12) nonsynonymous
NRXN3 (14) synonymous
TJP1 (15) nonsynonymous
ARHGAP33 (19) promoter
6Mbp AAB (1)
PTCH1 (9) nonsynonymous
EWSR1 (22) promoter
CKAP2L (2) nonsynonymous
NHSL1 (6) promoter
MAPK8 (10) intron
RTTN (18) intron
SMC1A (X) nonsynonymous
MDM2 (12) nonsynonymous
TRAPPC10 (21) promoter
CEP192 (18) intron
WDR7 (18) intron
PCGF6 (10) synonymous
FAIM2 (12) nonsynonymous
COLEC12 (18) nonsynonymous
VPS13A (9) nonsense
NBAS (2) nonsense
RPL5 (1) spliceSite
ARID4A (14) nonsense
clone.germline

Legend:
- TMTC3 (12) nonsense
- RPL5 (1) spliceSite
- PMS1 (2) nonsense
- CCDC160 (X) nonsense
- SYNJ1 (21) nonsense
- LYZL1 (10) nonsense
- ADCY9 (16) nonsense
- SLC35D2 (9) nonsense
- MEIOC (17) nonsense
- ZSWIM7 (17) nonsense
- ARID4A (14) nonsense
- PNPLA8 (7) nonsense
- ANKRD31 (5) nonsense
- DGKB (7) nonsense
- SEMA3D (7) nonsense
- COBLL1 (2) nonsense
- SEMA3A (7) nonsense
- CCDC146 (7) nonsense
- SCN10A (3) nonsense
- ZMYM6 (1) nonsense
- USP38 (4) nonsense
- MOV10 (1) nonsense
- ANKRD50 (4) nonsense
- CRTAP (3) nonsense
- RIF1 (2) nonsense
- SP100 (2) nonsense
- NBAS (2) nonsense
- DHX57 (2) nonsense
- RAB3GAP2 (1) nonsense
- ODC1 (2) nonsense
- MAP10 (1) nonsense
- FRAS1 (4) nonsense
- SECISBP2L (15) nonsense
- FGD4 (12) nonsense
- ARCN1 (11) nonsense
- VPS13A (9) nonsense
- AKAP11 (13) nonsense
- CFAP54 (12) nonsense
- PSMD12 (17) nonsense
- LNX2 (13) nonsense
- SLC26A7 (8) nonsense
- KIF13B (8) nonsense
- LETM2 (8) nonsense

y-axis: clonality

x-axis: ample_4SubClones_0.9, TP_4SubClones0.9