

Gene Expression Report

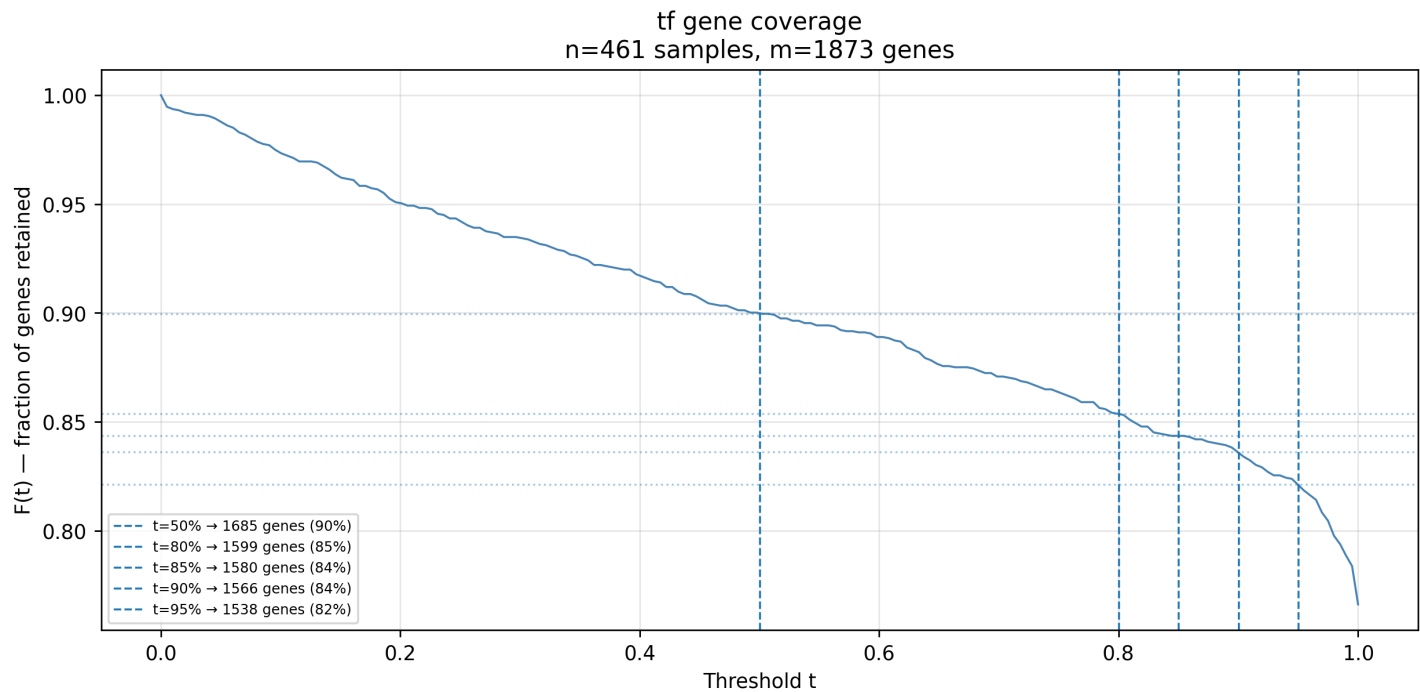
Source: Gene TPMs for Heart - Atrial Appendage
Downloaded: 2026-02-17 01:50:03.133433
Generated: 2026-02-24 22:17

Basic Stats

Samples: 461 | Genes: 74628 | TF: 1866 | Targets: 71455

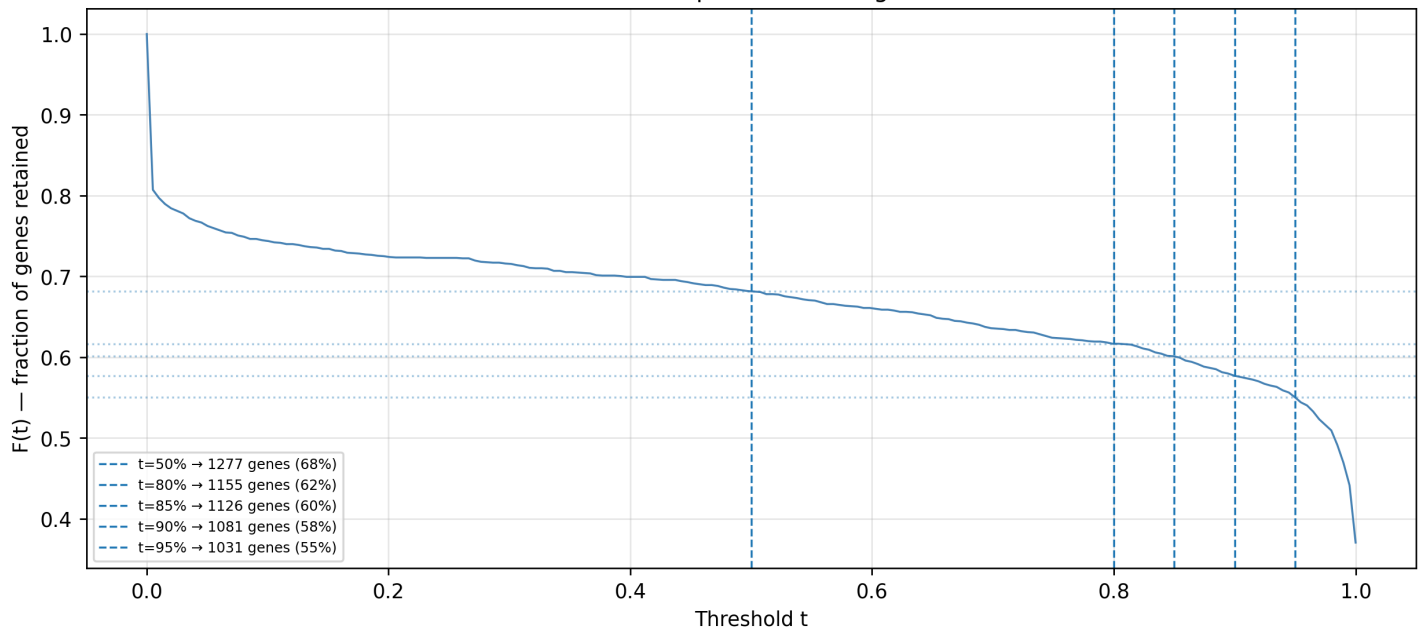
TF Stats

Sparsity



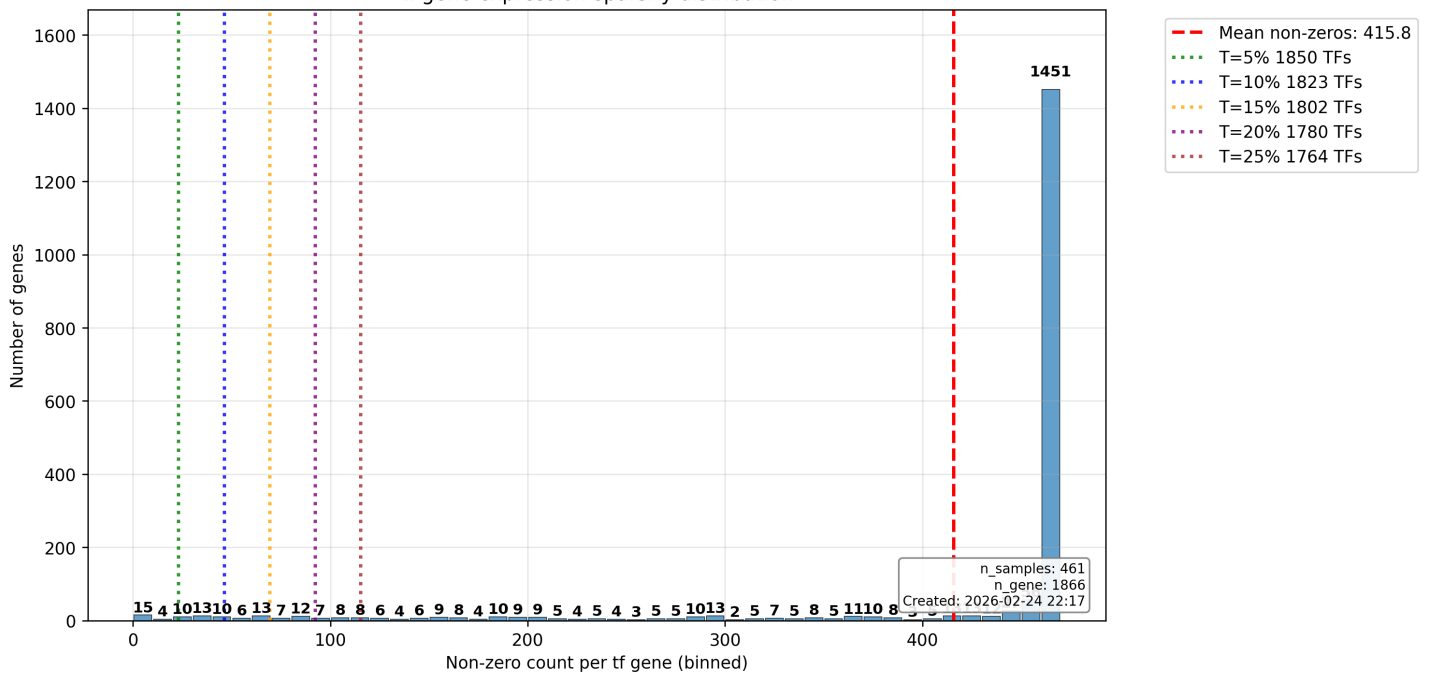
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 0

tf gene coverage
n=461 samples, m=1873 genes



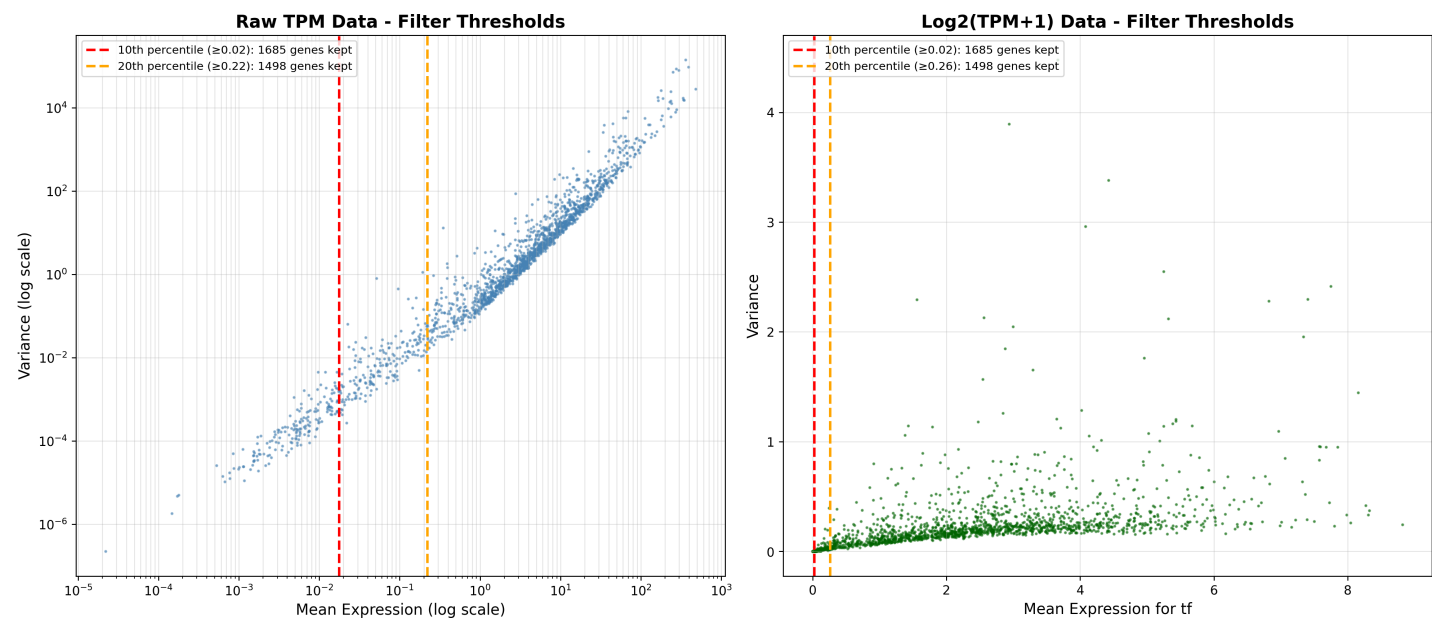
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 1

tf gene expression sparsity distribution



Distribution of non-zero values across TFs. X-axis shows sample count.

Mean Variance



Highly Expressed

gene	mean	std	min	max
RPL35	478.132408	168.282895	111.11400	1515.520
JUNB	388.997511	307.403926	17.68130	1695.820
NR4A1	359.209150	375.839561	9.70481	2025.110
PKM	344.617681	122.774188	35.71070	808.472
PRDX5	339.143069	124.532158	43.74310	908.045
TPI1	335.040859	131.041736	19.03540	880.073
HSPA5	295.204762	280.410703	16.21990	2915.730
RPS4X	278.568972	95.261166	47.81500	690.034
EGR1	274.792423	291.371672	5.42941	1994.090
YBX1	269.491706	88.802901	38.58120	577.766
FOS	251.736885	268.281185	5.77328	2105.120
GOT1	240.641736	112.771008	4.00658	619.928
TAGLN2	235.201347	120.967892	52.14730	1004.560
CEBPD	234.826783	156.792423	14.13930	974.176
RPS10	234.286231	77.906328	46.94470	866.946
HADHB	229.112135	117.569034	6.88795	706.510
SMPX	219.025328	97.552265	2.86039	589.556
YWHAE	190.974851	59.990758	26.95680	448.469
ENO1	187.052661	129.456871	22.71690	1411.710
NFE2L1	182.894692	80.084527	21.61630	424.166

Lowly Expressed

gene	mean	std	min	max
ZNF355P	0.000863	0.004671	0.0	0.049609
TGIF2LX	0.000846	0.007030	0.0	0.075327
ZNF479	0.000769	0.003535	0.0	0.037057
FOXR2	0.000765	0.004155	0.0	0.050253

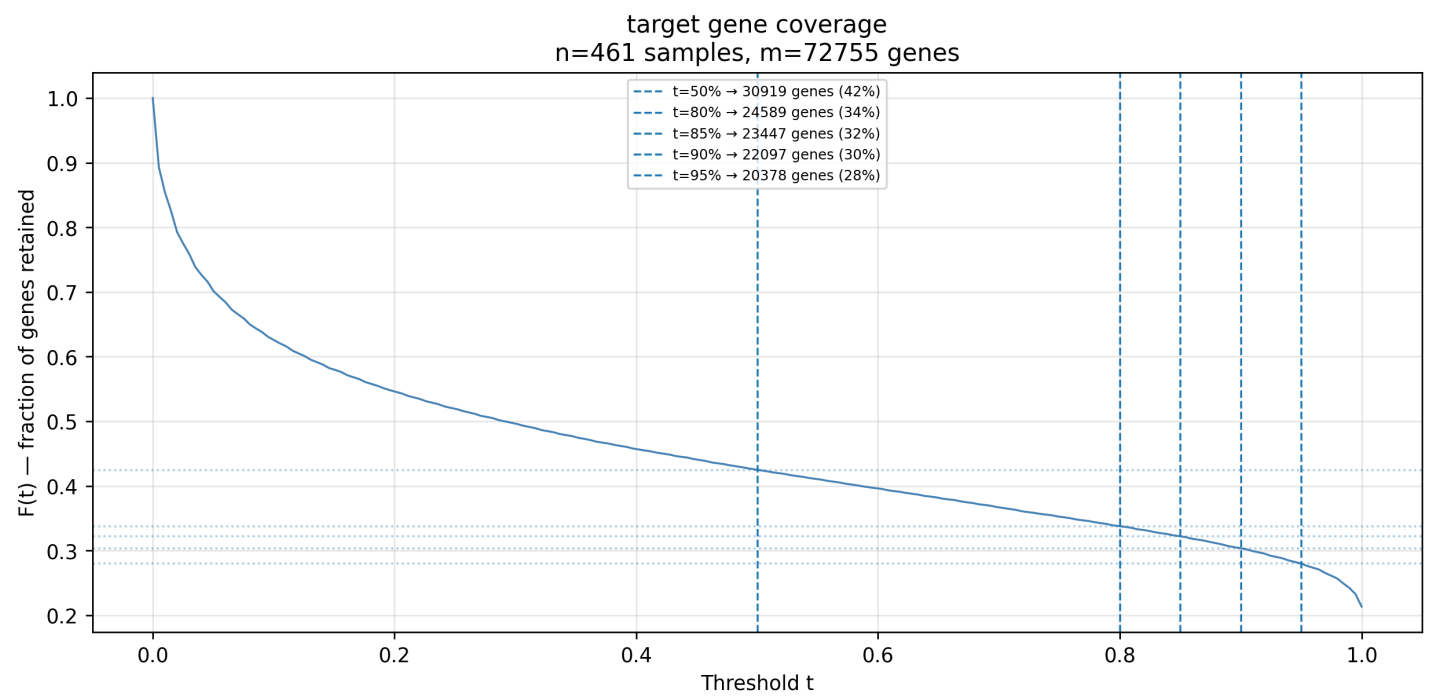
KLF18	0.000667	0.003253	0.0	0.033796
ZNF705G	0.000628	0.003777	0.0	0.044318
TGIF2LY	0.000530	0.005063	0.0	0.067235
ZNF705CP	0.000178	0.002236	0.0	0.030982
DUX4	0.000171	0.002181	0.0	0.033256
ZNF705D	0.000146	0.001344	0.0	0.021692
HSFY1	0.000022	0.000472	0.0	0.010134
ZBED1	0.000000	0.000000	0.0	0.000000
HSFY2	0.000000	0.000000	0.0	0.000000
ZNF658B	0.000000	0.000000	0.0	0.000000
ZNF702P	0.000000	0.000000	0.0	0.000000
ZNF781	0.000000	0.000000	0.0	0.000000
ZNF826P	0.000000	0.000000	0.0	0.000000
SHOX	0.000000	0.000000	0.0	0.000000
GTPBP6	0.000000	0.000000	0.0	0.000000
PPP2R3B	0.000000	0.000000	0.0	0.000000

Duplicates

ZBED1	GTPBP6	ZNF781	SHOX	ZNF702P	ZNF658B	PPP2R3B	
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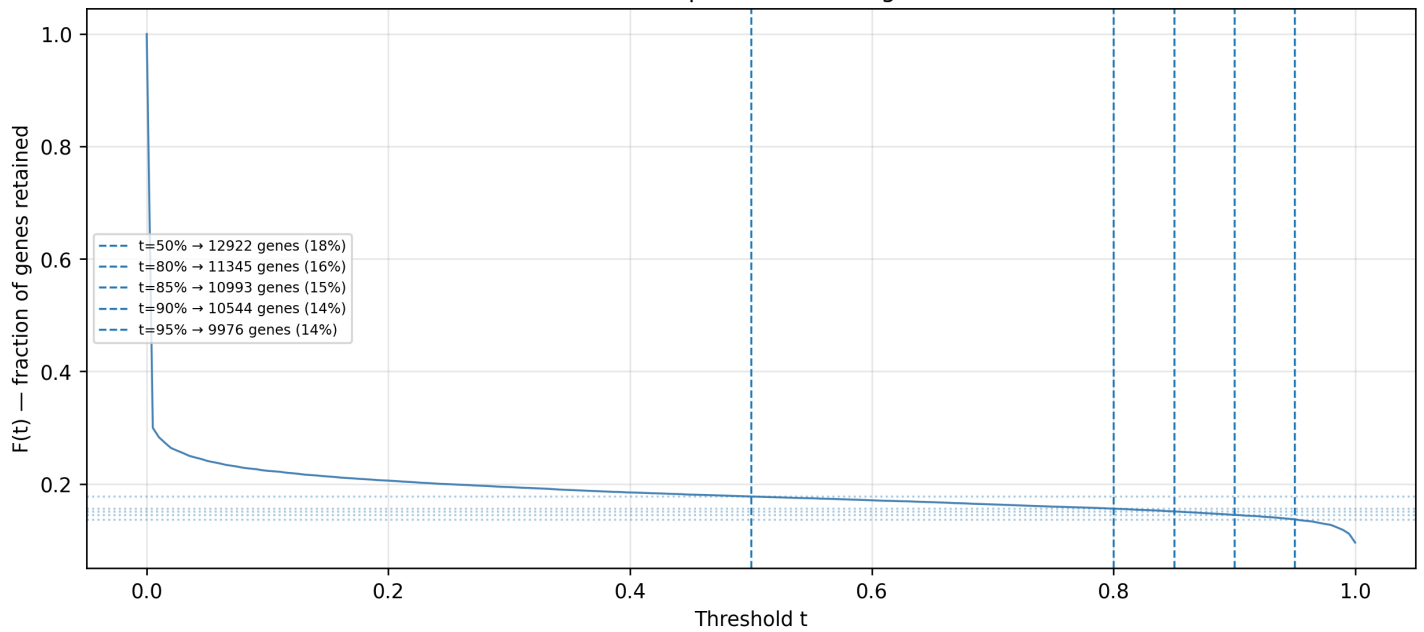
Target Gene Stats

Sparsity

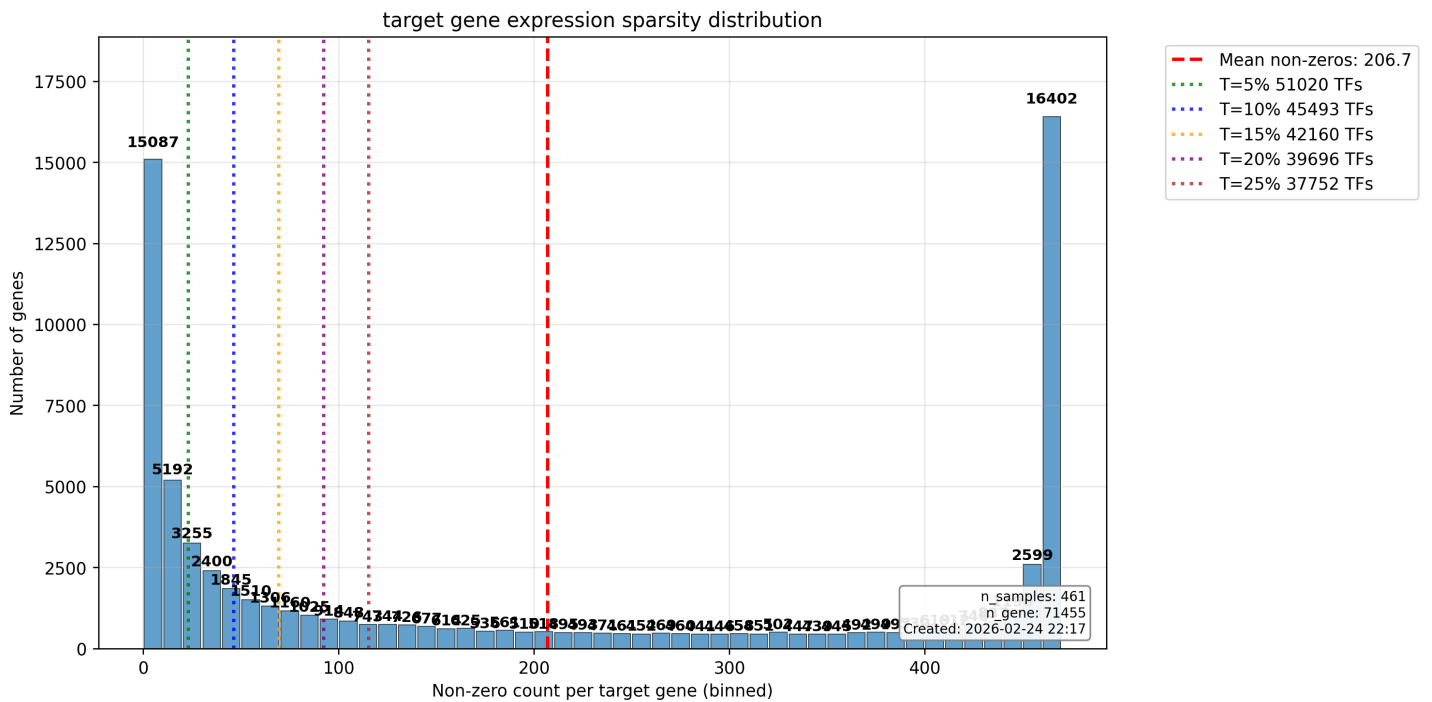


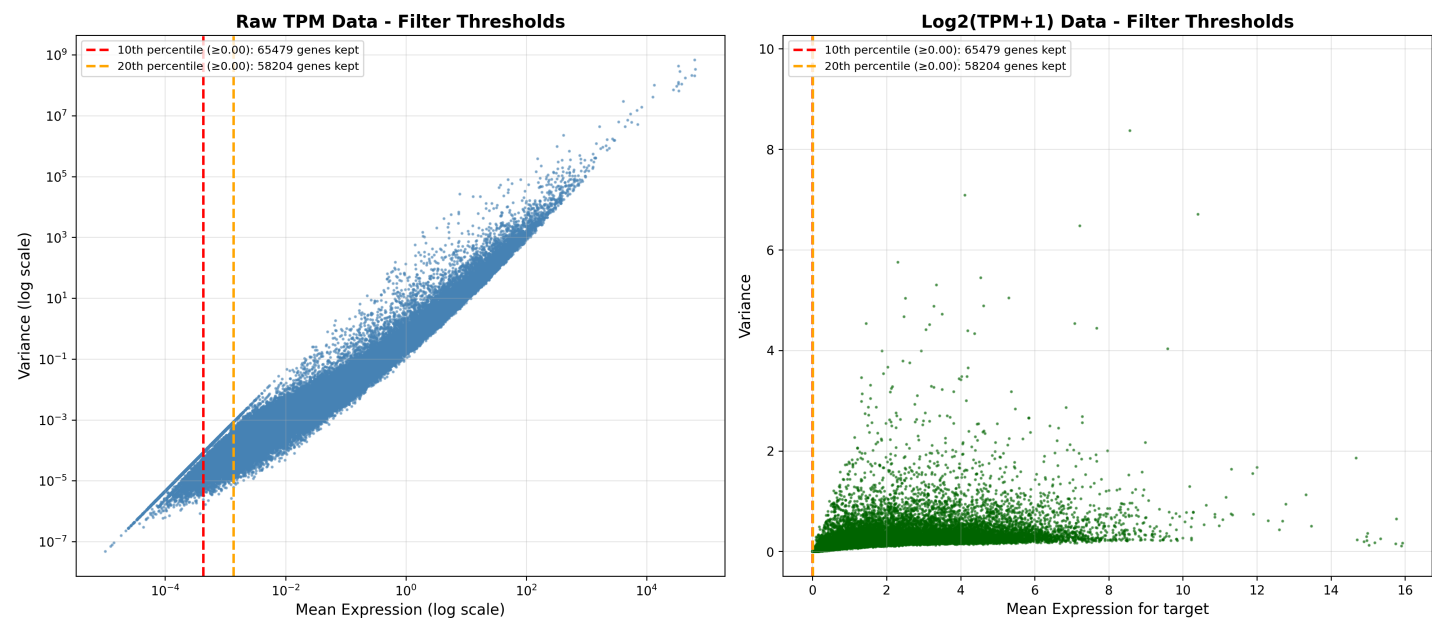
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 0

target gene coverage
n=461 samples, m=72755 genes



Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 1





Highly Expressed

gene	mean	std	min	max
MT-CO3	65021.510846	18248.118595	15897.00000	159339.0
MT-ATP6	62896.883297	14276.919305	30844.80000	115228.0
MT-CO1	62817.848915	26198.765988	5211.27000	130121.0
MT-ND4	56656.088503	14490.201970	13247.60000	110676.0
MT-CO2	43707.978959	13229.896977	8304.65000	84574.8
MT-CYB	38542.234273	10429.953274	12818.70000	83625.1
MT-RNR2	35535.637093	16930.792544	10355.00000	147996.0
MT-ATP8	34380.916920	8111.193194	12438.30000	57532.6
MT-ND1	33902.029111	11231.261747	7780.18000	71888.7
NPPA	33897.338088	20684.764611	1.03252	121826.0
MT-ND2	33703.086551	10454.226785	10072.10000	75852.8
MT-ND3	31688.894794	9718.179544	11054.90000	63852.2
MT-ND4L	28065.617158	8468.069034	3464.42000	58872.0
MT-ND6	13430.986746	10085.264951	2327.86000	54767.8
MT-ND5	12786.896833	6380.016652	2544.54000	33389.7
MYL7	8307.652139	4383.805604	18.88100	32269.5
MTATP6P1	7128.346010	2269.025898	41.61010	21083.1
MT-RNR1	6960.863427	3866.897840	1842.75000	36058.7
DES	5673.975623	2478.517438	141.90900	19872.1
ACTC1	5398.294071	3389.692717	20.68760	18780.5

Lowly Expressed

gene	mean	std	min	max
RNU6-397P	0.0	0.0	0.0	0.0
RNU7-161P	0.0	0.0	0.0	0.0
RNU6-420P	0.0	0.0	0.0	0.0
ENSG00000223605	0.0	0.0	0.0	0.0

MIR1183	0.0	0.0	0.0	0.0
ENSG00000304510	0.0	0.0	0.0	0.0
RNU6-1021P	0.0	0.0	0.0	0.0
MIR466	0.0	0.0	0.0	0.0
RNA5SP522	0.0	0.0	0.0	0.0
ENSG00000288108	0.0	0.0	0.0	0.0
RNU7-192P	0.0	0.0	0.0	0.0
RNY4P18	0.0	0.0	0.0	0.0
GTF2H2B	0.0	0.0	0.0	0.0
RNU6-1031P	0.0	0.0	0.0	0.0
ENSG00000278684	0.0	0.0	0.0	0.0
RAB9AP2	0.0	0.0	0.0	0.0
ENSG00000229830	0.0	0.0	0.0	0.0
ENSG00000226130	0.0	0.0	0.0	0.0
RNU6-1076P	0.0	0.0	0.0	0.0
ENSG00000299854	0.0	0.0	0.0	0.0

Duplicates

Y_RNA, Metazoa_SRP, U3, U6, SNORA70, U8, U2, 5S_rRNA, SNORA72, SNORA63
U4, SNORA75, U7, 7SK, 5_8S_rRNA, DDX11L16, SNORA62, SNORA73, SNORA74, SNORD39
SNORD116, U1, SNORD81, PRSS40A, CCNYL2, TMEM30CP, DDX11L2, SLC66A1LP, LINC03112, DPY19L2P3
FAM197Y3, DHRSX, P2RY8, VAMP7, VN2R19P, DHRS4L1, ADAM6, CASP1P2, ABCA17P, SDR16C6P
PMS2P3, SMG1P5, TMBIM7P, CROCCP3, NCF1C, ZNF833P, MIR3171HG, SNHG33, KMT2CP1, BMS1P1
SLC44A3-AS1, COL6A4P1, DHRSX-IT1, FMO6P, RNA5SP498, GOLGA2P9, LINC02210, CRLF2, ANKRD20A5P, LRRC37A5P
RPL14P5, ZPLD2P, SLC19A4P, KRT42P, CUTALP, UBE2Q2P13, PFN1P2, XKRYP7, GOLGA8M, SNORD63
RP9P, IL9R, FAM169BP, SULT1C5P, PRSS46P, INGX, CHEK2P2, FRG1BP, LINC03023, LSP1P5
BTN2A3P, ZNF876P, FRG1JP, GBP1P1, SMG1P7, CASP4LP, REXO6P, Vault, TEKT4P2, GTF2IRD1P1
SNORA71, MT1IP, AGAP12P, ASMTL-AS1, ANKRD36BP2, FAM74A6, LDC1P, FRG2KP, FAM197Y4, AKAP17A
CYP4Z2P, FAM74A4, STRCP1, LRRC37A11P, UBE2Q2P1, TBC1D3P5, RDM1P5, PCBP1-AS1, WASIR1, PTPRVP
ELFN2, PDE4DIPP6, LINC01618, FGD5P1, ACTE1P, CXXC1P1, CTSL3P, FMO9P, CSF2RA, RAET1E-AS1
LINC01115, LINC00106, CATSPER2P1, GUSBP11, WHAMMP4, TDH, ASMTL, LINC00685, TRPC2, ABCC13
LPAL2, FAM21EP, FRG1HP, LINC03025, SAA3P, SNORD115, ZNF56P, FAM197Y8, RBMY2FP, BCORP1
PRSS40B, HSD17B7P2, HLA-V, CYP2T1P, ALG1L9P, SLC6A10P, SNORD18, SLC25A6, ECEL1P2, FOLH1B
AMZ2P1, C3P1, TEX14BP, ALMS1P1, LINC00102, TMEM198B, FABP5P13, SUGT1P3, TRPC6P1, CAST
CRYZL2P, CDRT15P3, OSTCP1, ALOX12P2, DMBT1L1, MED15P9, CA5BP1, ANKRD26P3, NPEPPSP1, SORD2P
REXO1L2P, ASNSP1, SNORD42, PPIEL, CD99P1, KRT18P53, AACSP1, SPATA13, IL3RA, MRPS31P5
SDHAP3, CEP170P1, KRT87P, RAB6C-AS1, LINC02968, AMD1P2, BMS1P14, ABCA11P, ABCC6P2, ASMT
INTS4P1, TXLNGY, AOC4P, ELOCP24, CD99, OR7E47P, A2MP1, XKRY, TCP10L3, FAM197Y9
AFG3L1P, DPH3P2, ADAM21P1, PRSS59P, ADCY10P1, LINC03021, GOLGA6L17P, PRSS42P, MIR3690, AHSA2P
CCT6P3, HERC2P9, RPL13AP3, PLEKHA8P1, FAM197Y5, PLCXD1, CHMP1B2P, SNORD33, FAM74A3, WASH6P
VENTXP1, GOLGA8DP, NUP210P1, MFSD13B