

Gene Expression Report

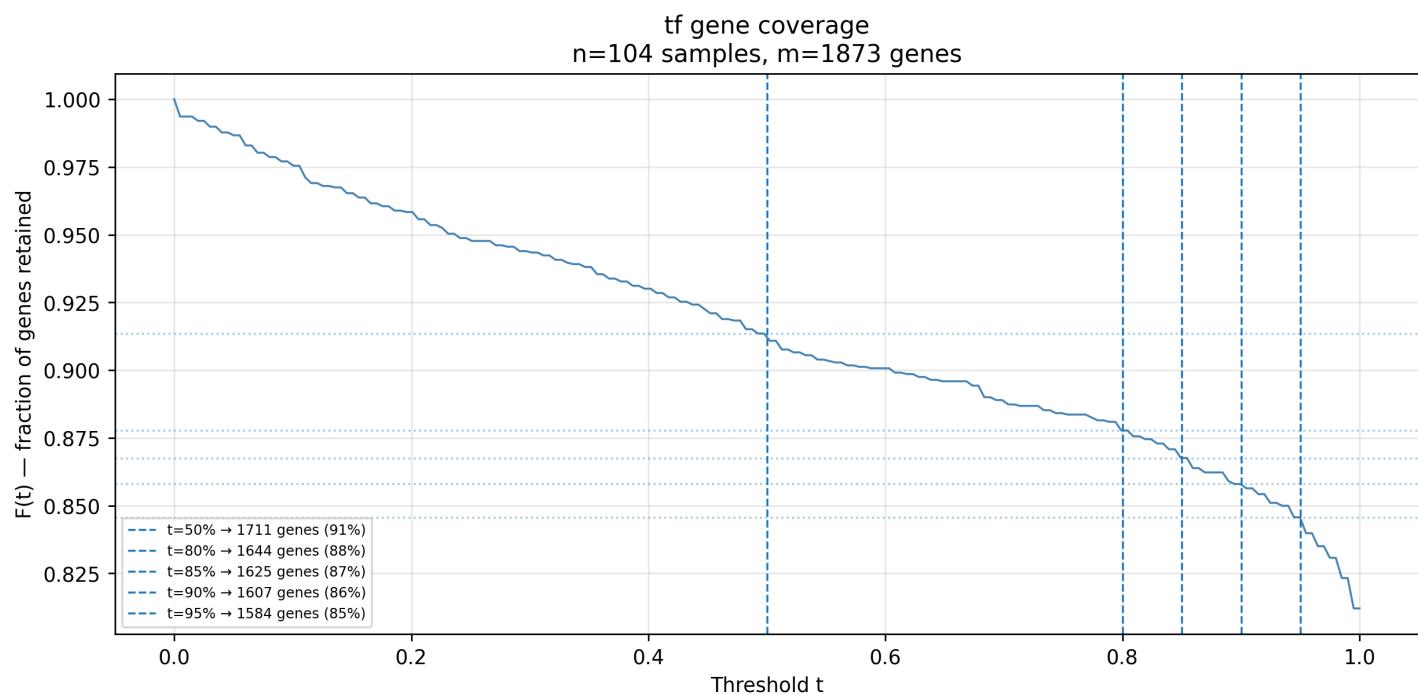
Source: Gene TPMs for Kidney - Cortex
Downloaded: 2026-02-17 02:14:29.331318
Generated: 2026-02-24 22:17

Basic Stats

Samples: 104 | Genes: 74628 | TF: 1866 | Targets: 71455

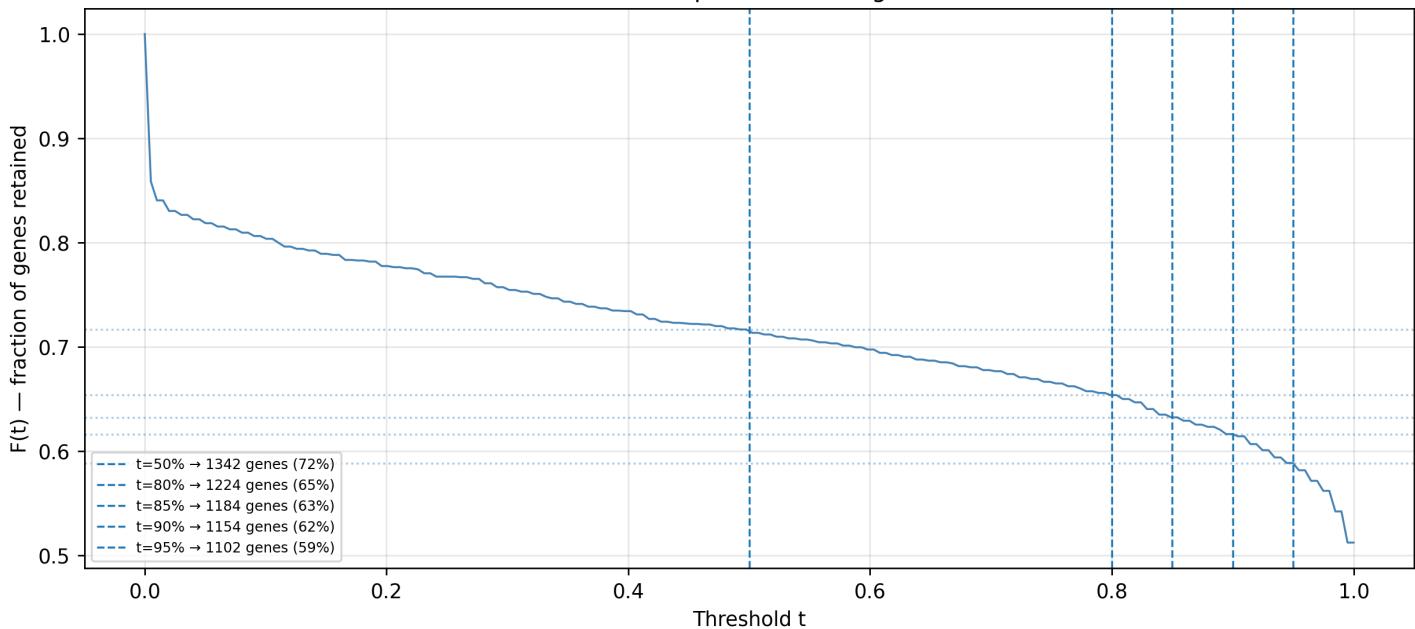
TF Stats

Sparsity

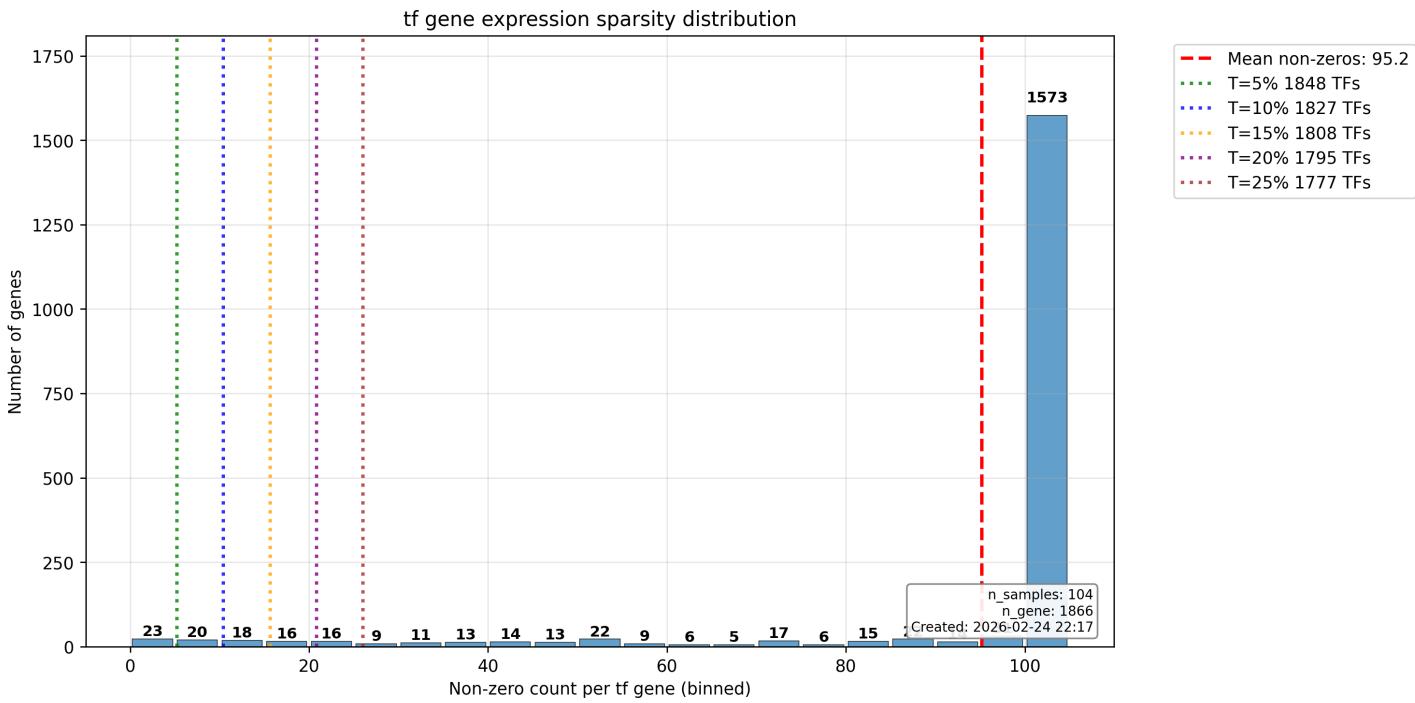


Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 0

tf gene coverage
n=104 samples, m=1873 genes

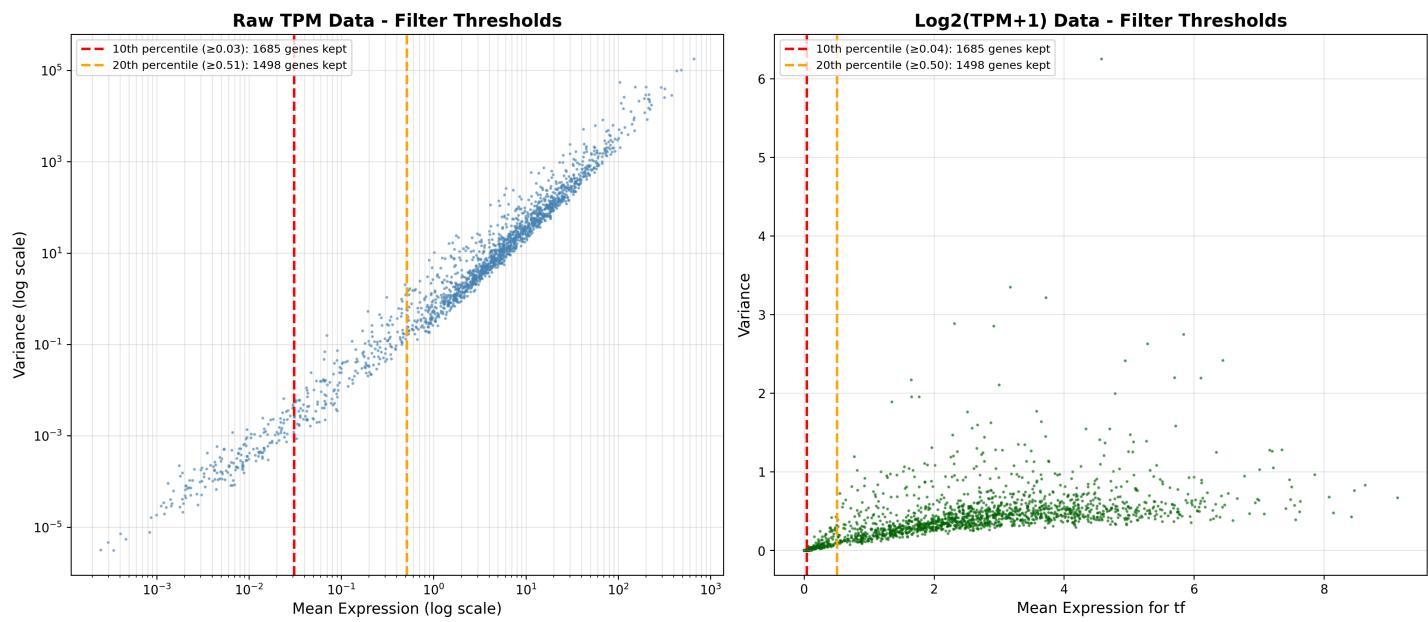


Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 1



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

Mean Variance



Highly Expressed

gene	mean	std	min	max
RPL35	660.848692	423.622228	182.2470	2354.770
ENO1	481.734471	320.708206	102.5680	1855.000
RPS4X	427.809481	314.204693	107.1060	2282.440
PRDX5	377.600558	169.008726	113.3290	908.803
RPS10	318.237041	199.128118	76.0403	1045.510
TPI1	316.348725	160.155938	90.5974	1011.250
PKM	290.785773	207.061546	63.9410	1052.340
RPL6	229.399694	131.814692	61.1191	742.616
SOD1	221.638818	118.159359	73.0895	658.133
TAGLN2	218.936289	143.358559	62.1971	740.707
PAX8	216.967511	151.130774	40.5051	1035.070
CEBDP	215.507452	172.725702	21.6761	933.459
ATF4	213.427770	122.902307	59.2082	781.972
SUCLG1	211.810312	153.942135	59.1000	956.565
YWHAE	206.326922	92.004478	64.6091	493.327
BHLHE40	200.951721	209.165472	27.3621	1205.010
HSPA5	197.908791	170.324987	29.5620	908.917
SNRNP70	193.444940	109.693541	45.2068	669.805
JUNB	191.557597	156.295572	29.2476	944.056
GADD45A	167.102831	145.835569	29.2229	882.531

Lowly Expressed

gene	mean	std	min	max
ZNF705G	0.000991	0.004284	0.0	0.030097
FOXR2	0.000868	0.004035	0.0	0.023835
ZNF479	0.000836	0.002777	0.0	0.013687
HSFY2	0.000461	0.002333	0.0	0.013287

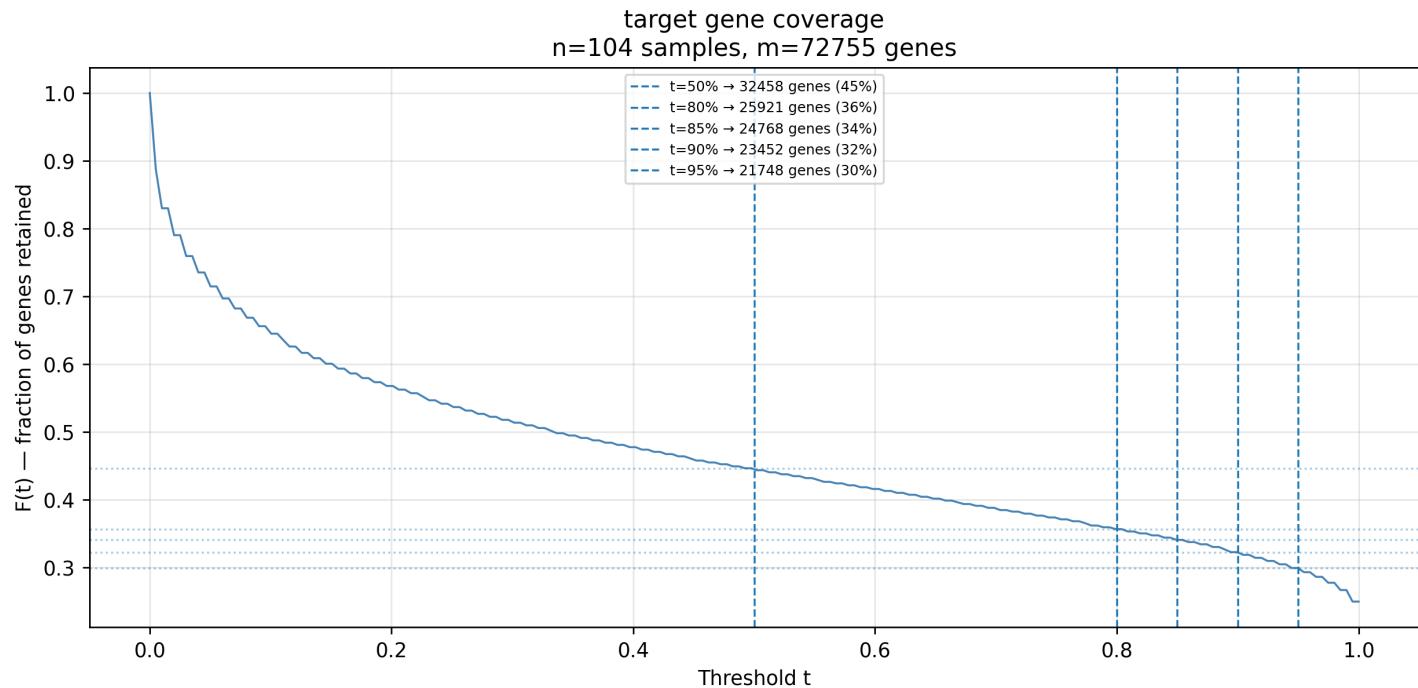
ZNF355P	0.000404	0.002677	0.0	0.024412
KLF18	0.000339	0.001753	0.0	0.012326
ZNF705D	0.000297	0.002146	0.0	0.017320
HSFY1	0.000246	0.001776	0.0	0.014146
ZNF702P	0.000000	0.000000	0.0	0.000000
ZNF826P	0.000000	0.000000	0.0	0.000000
ZBED1	0.000000	0.000000	0.0	0.000000
ZNF705CP	0.000000	0.000000	0.0	0.000000
ZNF735	0.000000	0.000000	0.0	0.000000
TGIF2LY	0.000000	0.000000	0.0	0.000000
ZNF658B	0.000000	0.000000	0.0	0.000000
ZNF781	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
FERD3L	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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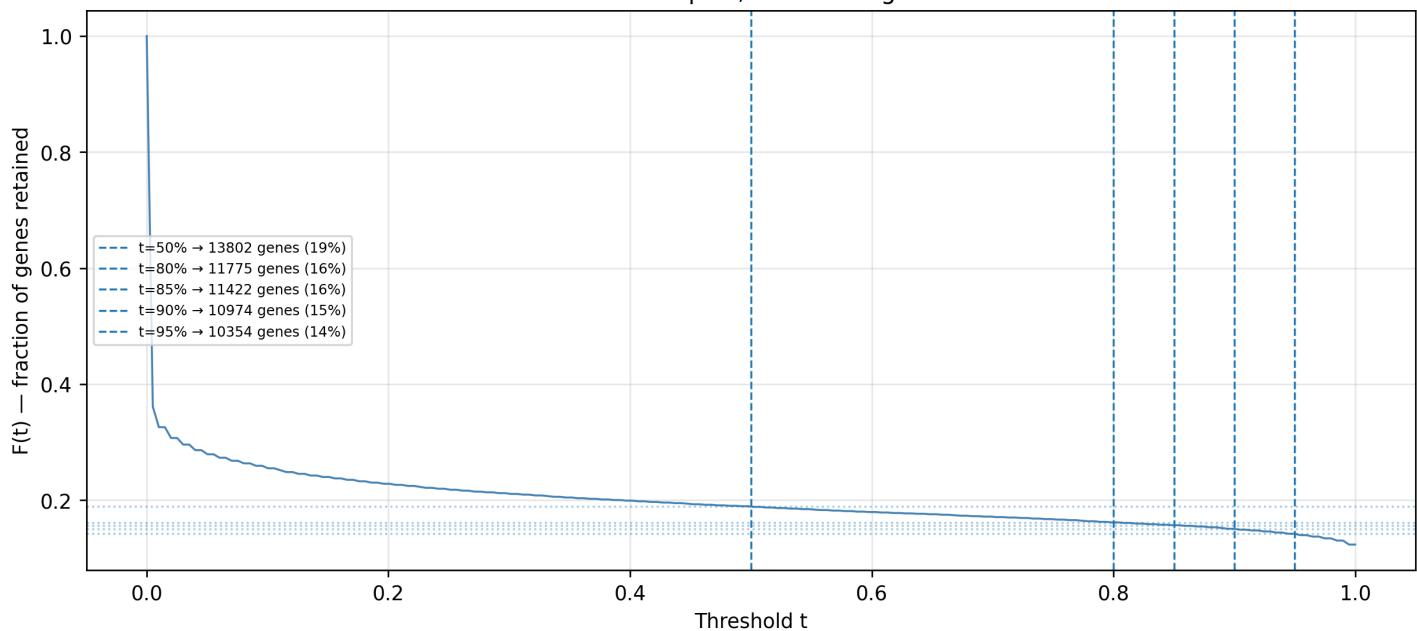
Target Gene Stats

Sparsity

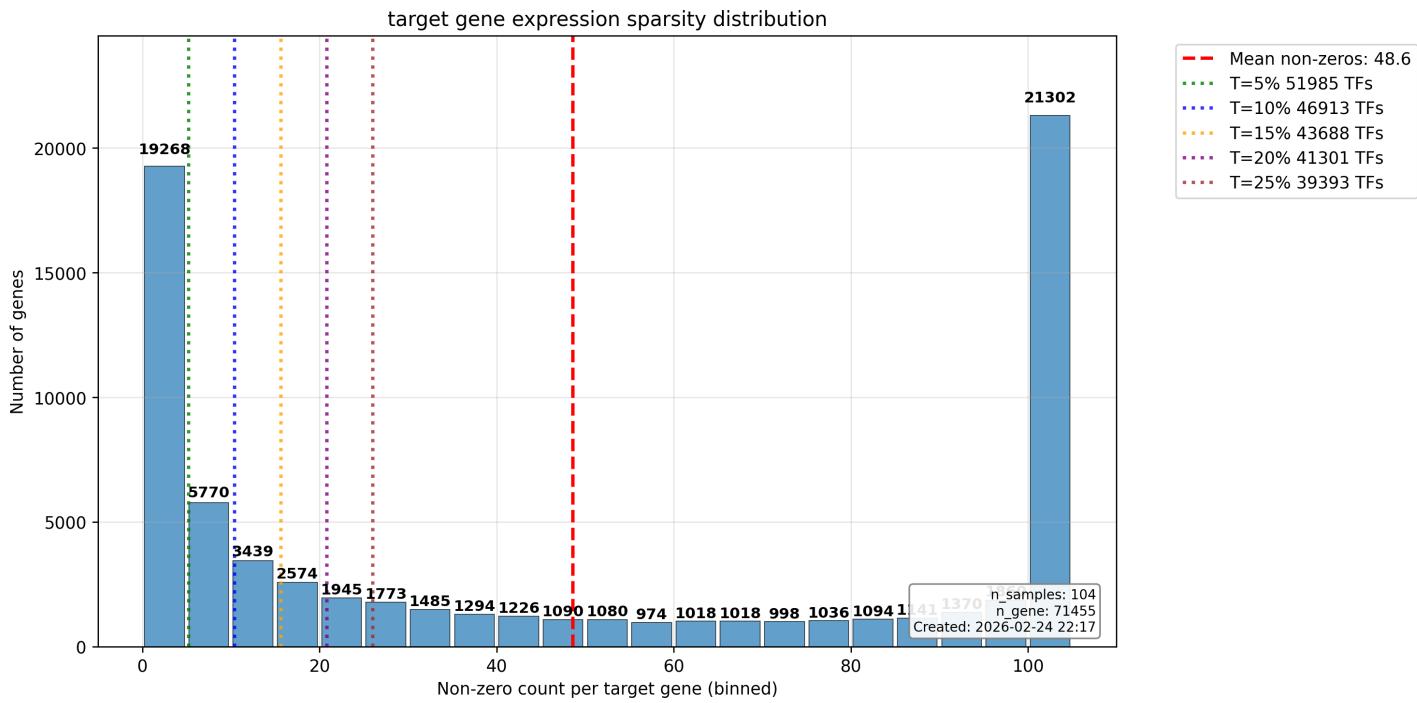


Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 0

target gene coverage
n=104 samples, m=72755 genes

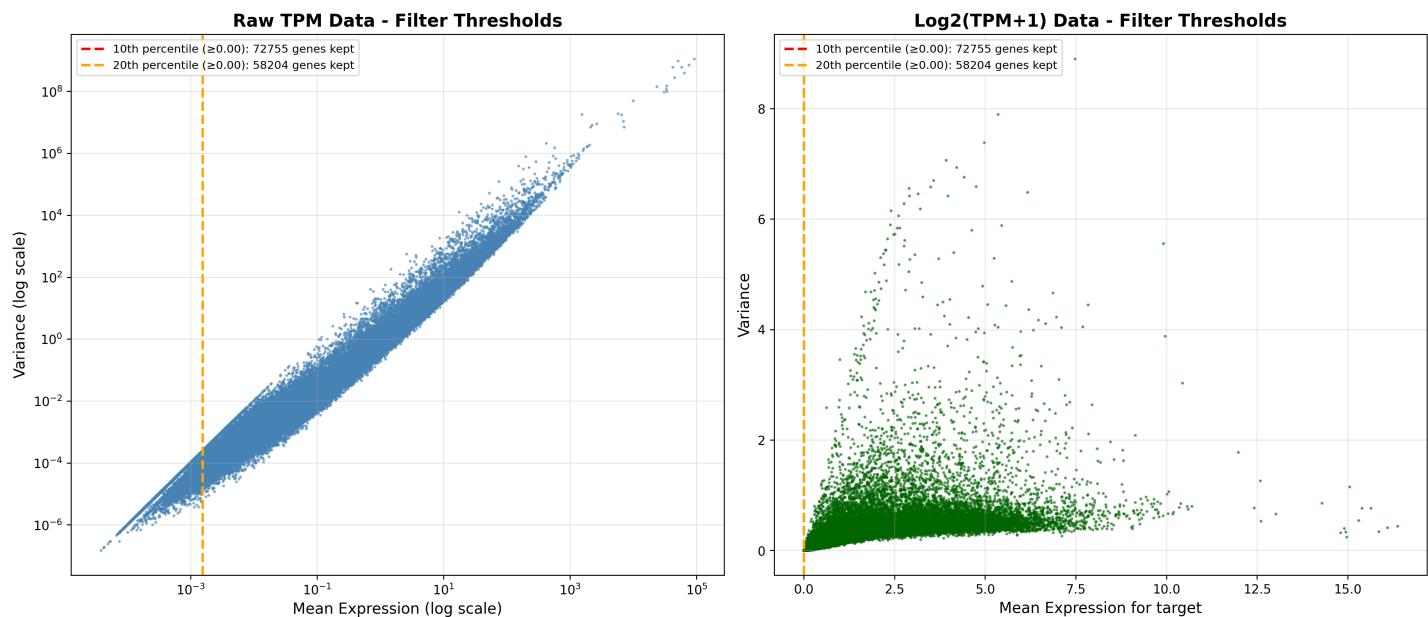


Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 1



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

Mean Variance



Highly Expressed

gene	mean	std	min	max
MT-CO3	92218.690385	33651.551109	13926.500000	155851.0
MT-CO2	75551.370192	26911.481662	11235.900000	138694.0
MT-ATP6	63272.974038	19819.944377	11402.000000	99712.0
MT-ND4	58191.263462	24674.540008	4510.790000	108315.0
MT-RNR2	50759.969712	30958.303171	8778.350000	150120.0
MT-CYB	44513.319712	16805.993503	4285.370000	72239.4
MT-CO1	42079.447788	24645.258718	3293.050000	126019.0
MT-ND2	33794.618269	10064.959256	10371.000000	53273.0
MT-ND3	33700.516346	12254.205453	11675.300000	60899.0
MT-ND1	32894.710865	10918.250701	4473.150000	52451.7
MT-ATP8	30515.236058	9801.265481	5016.000000	50037.3
MT-ND4L	23422.049808	11909.052105	1881.900000	61936.8
MT-RNR1	9825.891731	7057.553614	2265.990000	43473.9
MTATP6P1	7077.063751	2665.024280	48.466600	14865.8
MT-ND5	6968.165288	3314.348107	1217.380000	23198.8
MT-ND6	6513.064798	4182.973235	828.774000	30442.4
GPX3	5677.733356	4376.297624	271.077000	19480.4
SPP1	2615.718526	3014.682254	75.694300	15037.3
ALDOB	2210.856505	2844.202263	0.709104	17188.8
MT1G	2098.649783	2679.769578	14.922900	14969.2

Lowly Expressed

gene	mean	std	min	max
SNORA70	0.0	0.0	0.0	0.0
SNORA70	0.0	0.0	0.0	0.0
RNU1-140P	0.0	0.0	0.0	0.0
MTND2P39	0.0	0.0	0.0	0.0

RPL23AP44	0.0	0.0	0.0	0.0
IGBP1P5	0.0	0.0	0.0	0.0
ENSG00000305998	0.0	0.0	0.0	0.0
TRIM51EP	0.0	0.0	0.0	0.0
PLSCR5-AS1	0.0	0.0	0.0	0.0
ENSG00000295340	0.0	0.0	0.0	0.0
ENSG00000307449	0.0	0.0	0.0	0.0
RNU7-27P	0.0	0.0	0.0	0.0
ENSG00000303798	0.0	0.0	0.0	0.0
ENSG00000302630	0.0	0.0	0.0	0.0
RNA5SP484	0.0	0.0	0.0	0.0
ENSG00000267085	0.0	0.0	0.0	0.0
MORF4L1P7	0.0	0.0	0.0	0.0
MIR3621	0.0	0.0	0.0	0.0
CRYGGP	0.0	0.0	0.0	0.0
RNU6-380P	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
 CYP42ZP, FAM74A4, STRCP1, LRRK37A11P, 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, ASN1P1, SNORD42, PPIEL, CD99P1, KRT18P53, AACSP1, SPATA13, IL3RA, MRPS31P5
 SDHAP3, CEP170P1, KRT87P, RAB6C-AS1, LINC02968, AMD1P2, BMS1P14, ABCA11P, ABCC6P2, ASMT
 INTS4P1, TXLNGY, AOC4P, ELOC2P24, 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