

Gene Expression Report

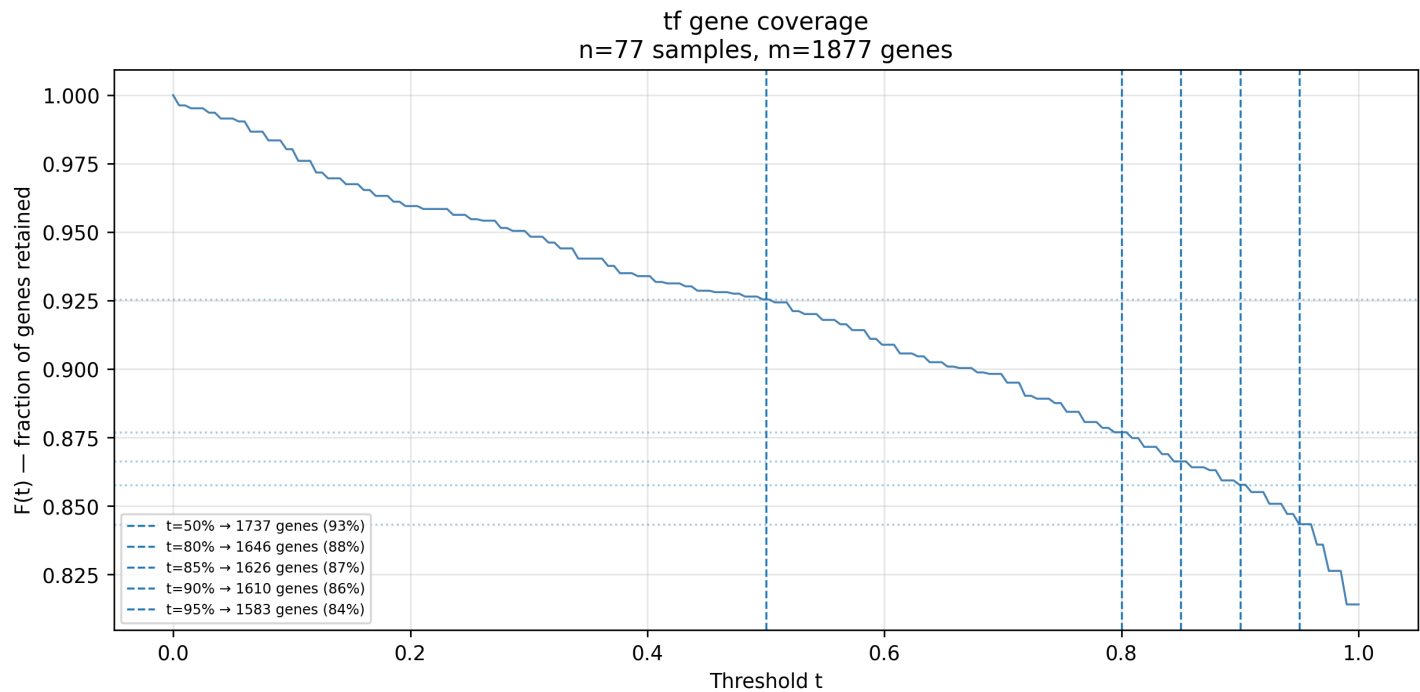
Source: Gene TPMs for Bladder
Downloaded: 2025-12-17 17:39:41.417850
Generated: 2026-02-24 22:15

Basic Stats

Samples: 77 | Genes: 59033 | TF: 1873 | Targets: 55980

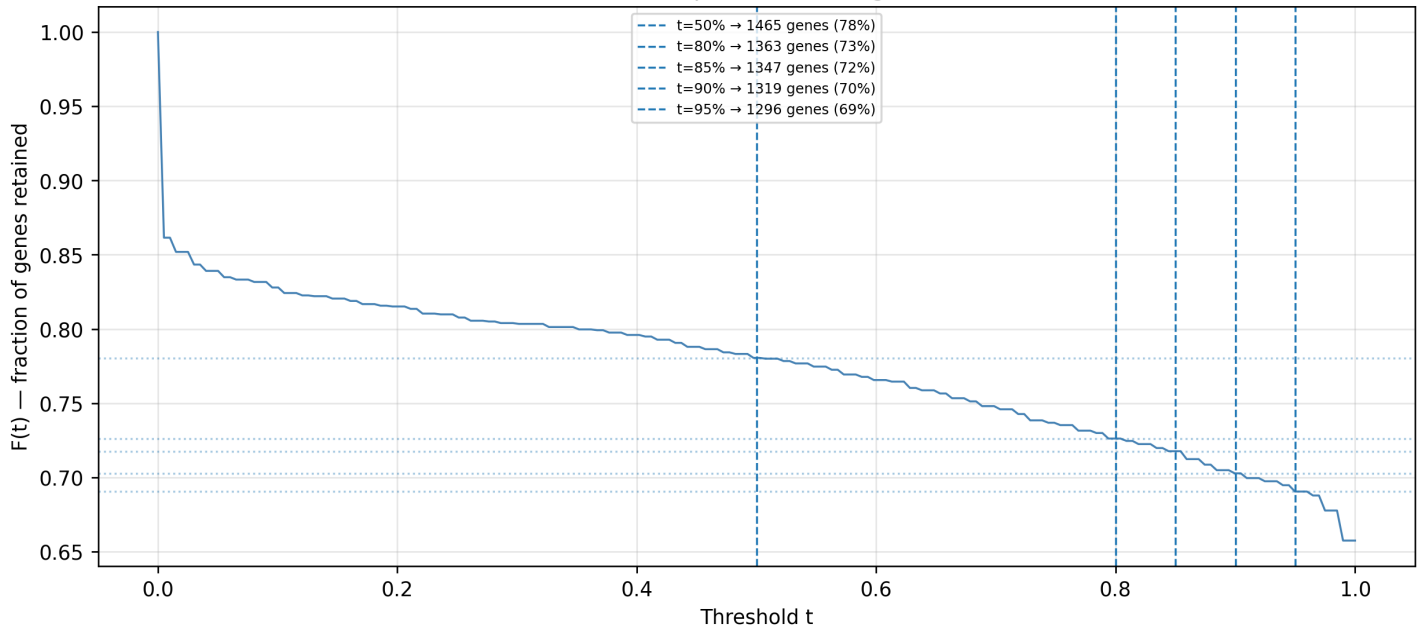
TF Stats

Sparsity



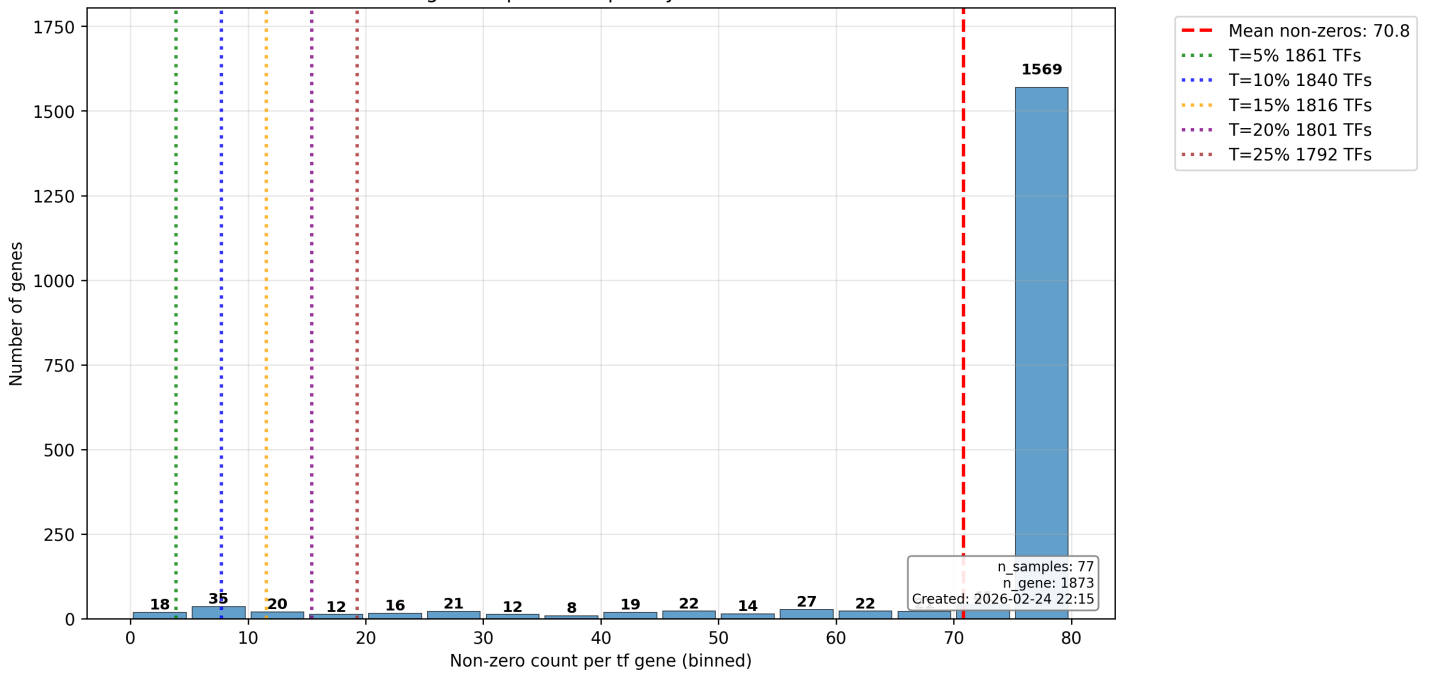
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 0

tf gene coverage
n=77 samples, m=1877 genes



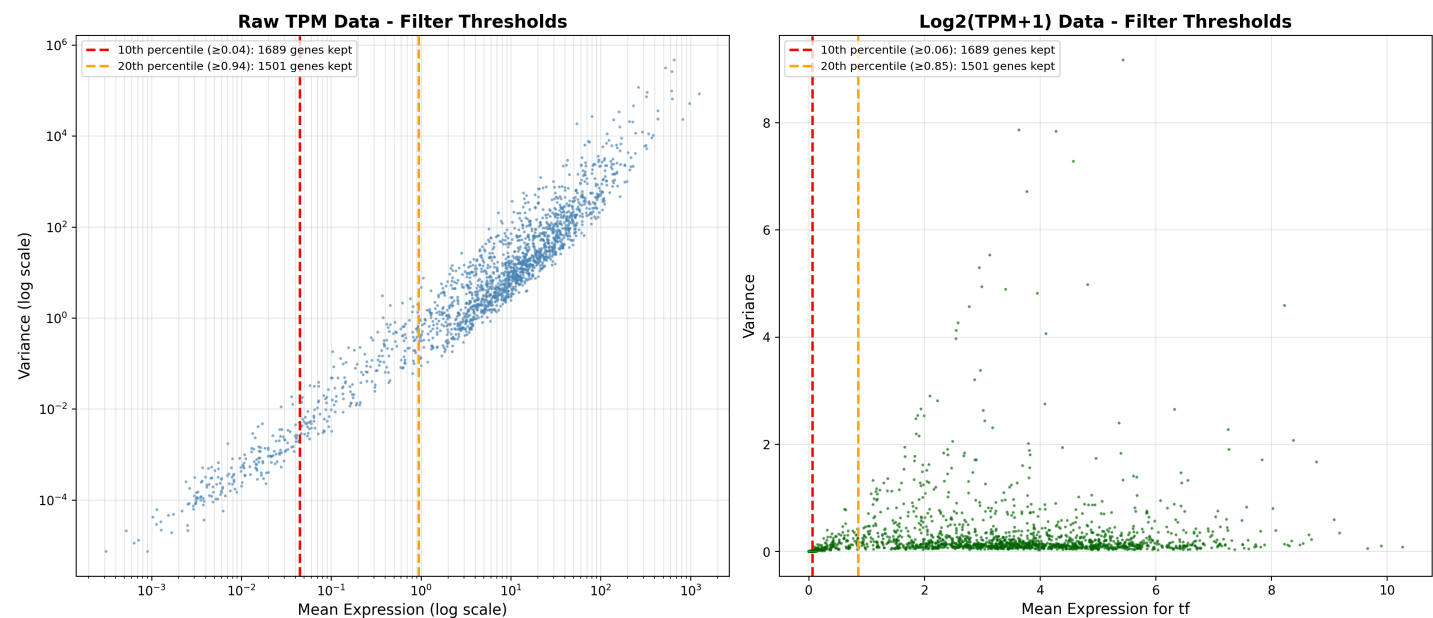
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 1

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	1255.404312	291.409468	942.87000	2775.580
RPS4X	978.078481	227.720811	646.46500	1645.780
RPL6	821.690961	152.236542	494.36200	1609.350
ID1	658.810846	687.164341	7.98132	2879.350
ATF4	626.003818	255.473608	250.54200	1351.140
JUNB	623.200658	513.524685	50.31920	2454.330
CEBPD	617.770558	313.223364	127.43200	1647.170
FOS	525.772955	562.550172	37.94890	3234.780
ENO1	435.122143	154.387820	165.71600	1096.800
PKM	431.841610	189.391634	164.61200	1124.470
YBX1	385.400104	102.110872	216.16600	602.131
SNRNP70	368.525273	95.324235	193.36000	755.816
PRDX5	340.546247	105.788253	177.59400	629.941
BHLHE40	329.232032	301.818572	30.46800	1801.370
UBB	324.139584	72.735008	184.71700	538.695
JUN	321.137086	269.726339	79.93320	2013.270
TPI1	319.152195	78.799576	161.71100	558.151
HNRNPA1	307.023377	77.292560	126.85300	496.152
TAGLN2	291.282192	110.296992	70.42090	532.710
EGR1	264.038183	342.278029	18.56950	1913.530

Lowly Expressed

gene	mean	std	min	max
SSX2	0.001751	0.006985	0.0	0.039713
ZNF479	0.001665	0.004397	0.0	0.024377
RAX	0.001542	0.006781	0.0	0.051061
NOBOX	0.001274	0.004663	0.0	0.026018

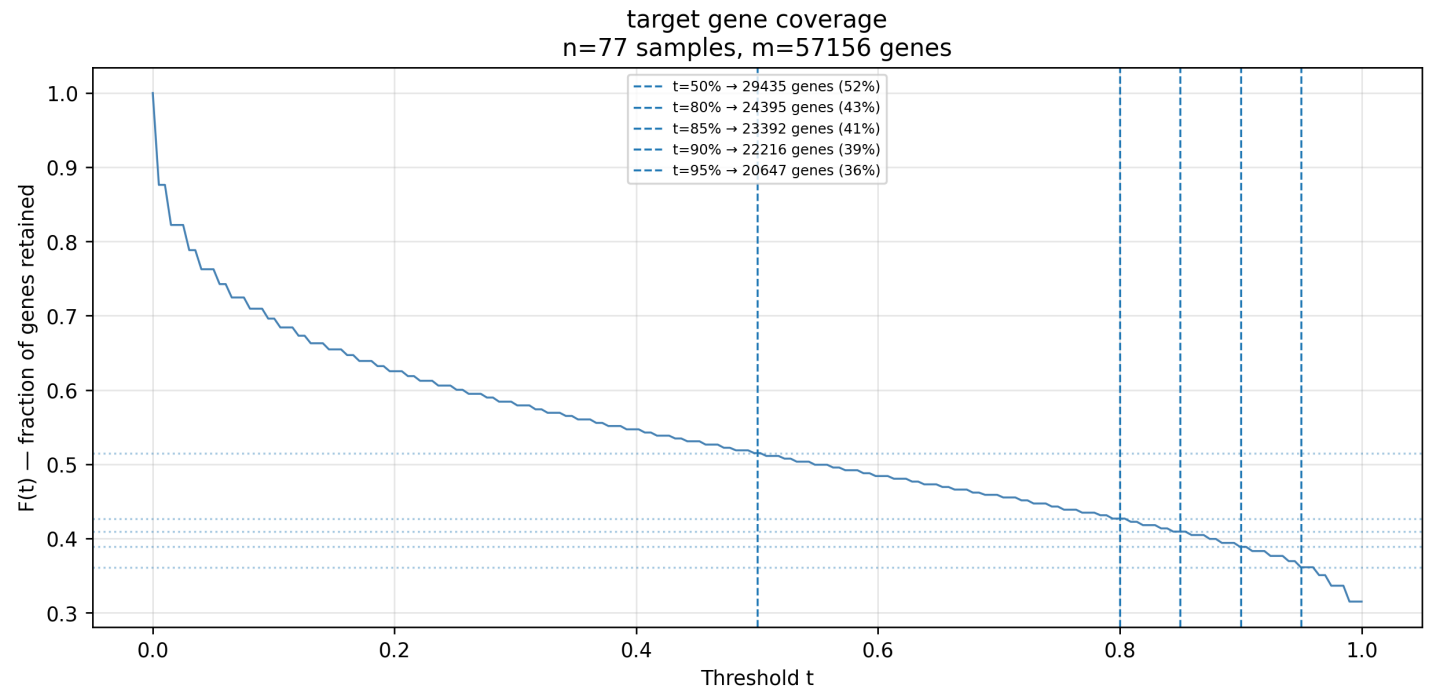
PAX4	0.001267	0.005784	0.0	0.043119
MYF5	0.001144	0.007831	0.0	0.065026
FOXR2	0.001137	0.005419	0.0	0.042717
MYCLP1	0.001030	0.006507	0.0	0.048410
SKOR2	0.000903	0.002733	0.0	0.011970
GSX1	0.000711	0.003604	0.0	0.022385
HSFY2	0.000636	0.003367	0.0	0.024177
DUX4	0.000521	0.004568	0.0	0.040086
ZNF705D	0.000310	0.002716	0.0	0.023833
ZBED1	0.000000	0.000000	0.0	0.000000
ZNF355P	0.000000	0.000000	0.0	0.000000
PPP2R3B	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
TGIF2LY	0.000000	0.000000	0.0	0.000000
HSFY1	0.000000	0.000000	0.0	0.000000

Duplicates

PPP2R3B	GTPBP6	SHOX	ZBED1				
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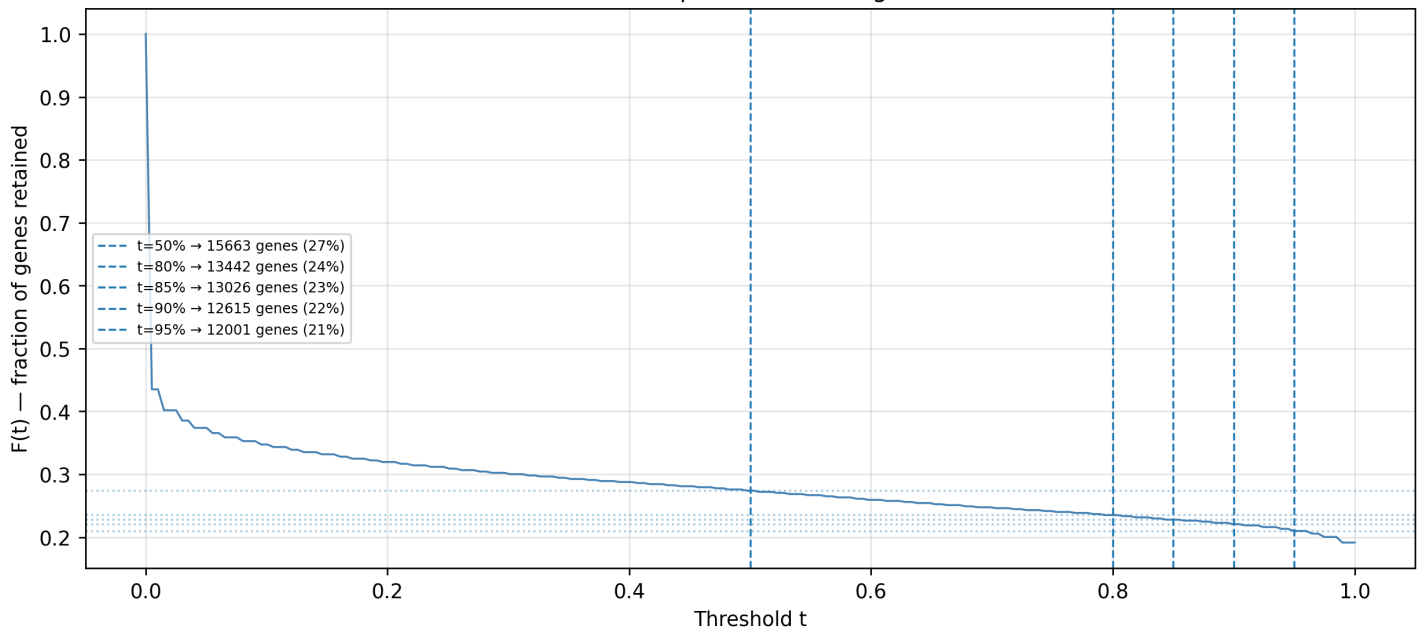
Target Gene Stats

Sparsity



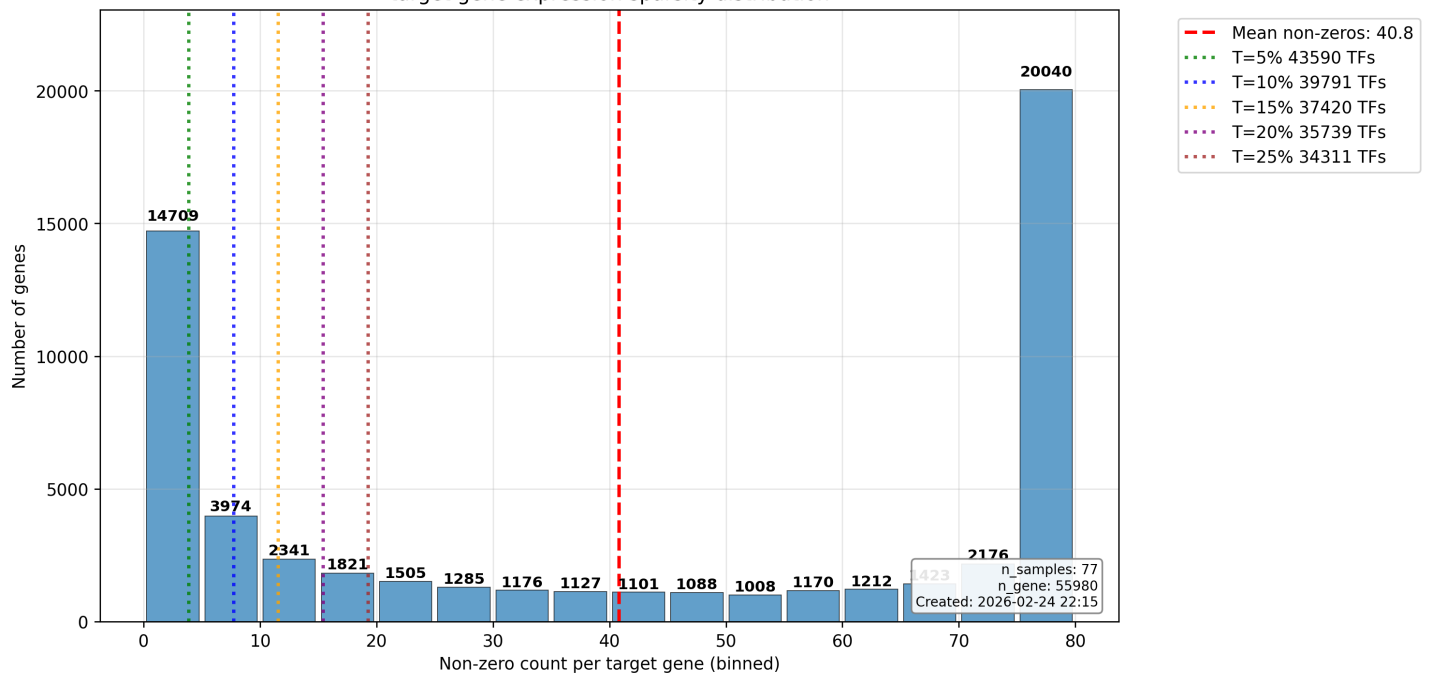
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 0

target gene coverage
n=77 samples, m=57156 genes



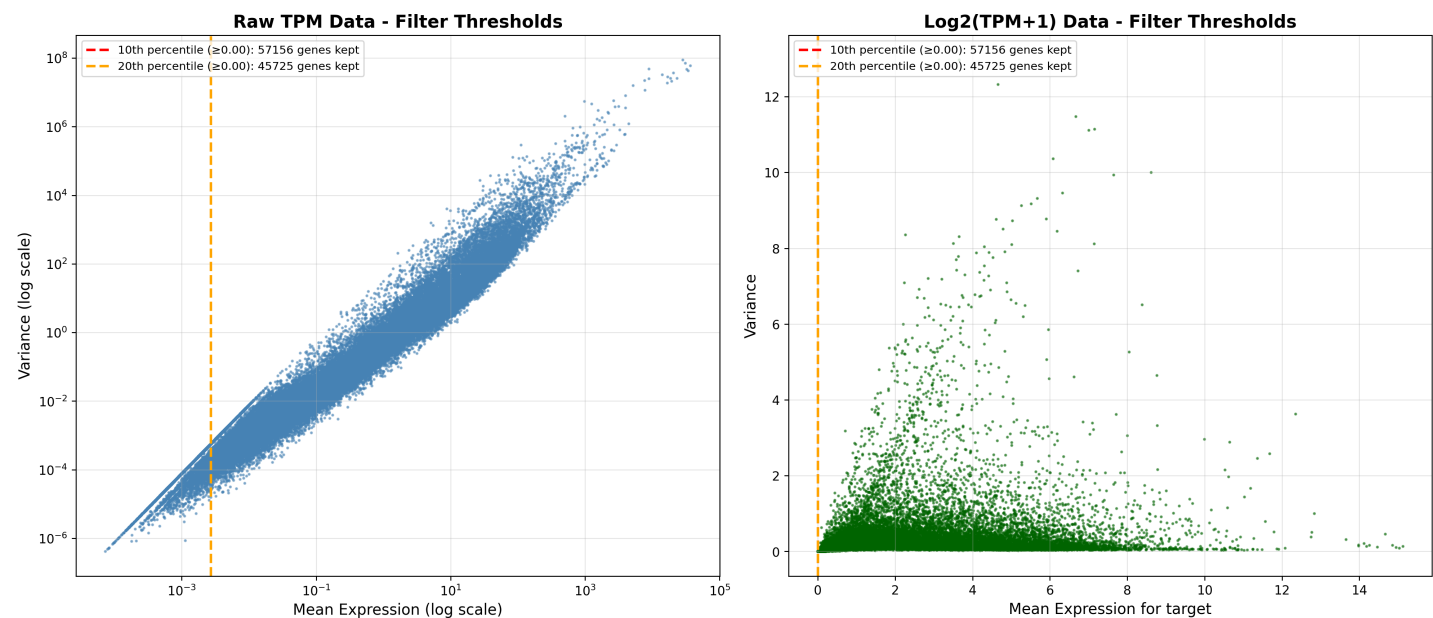
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 1

target gene expression sparsity distribution



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

Mean Variance



Highly Expressed

gene	mean	std	min	max
MT-ND4	36743.417273	7803.620370	9654.5300	54733.50
MT-CO2	34127.180519	6576.858876	17437.8000	49398.40
MT-ATP6	32363.484416	6902.341580	12714.1000	48786.60
MT-CO3	30808.755844	8484.322936	12927.4000	51171.50
MT-CO1	28358.970130	9440.880166	4426.6500	49540.90
MT-CYB	23171.674545	5096.805367	9312.4400	37149.80
MT-ND2	20446.153247	6089.154908	10473.0000	38282.60
MT-ATP8	19210.646753	4608.220300	7253.3000	30389.70
MT-ND4L	18649.022727	5085.184727	5884.1100	29806.30
MT-ND3	16895.927792	5365.755756	8450.1900	35678.20
MT-ND1	16690.174675	4372.678150	7005.9700	33121.00
MT-RNR2	13928.753636	5769.461906	4831.9100	33225.70
DES	8902.187199	6967.527057	61.7353	24502.60
MT-ND6	8893.478052	5038.204096	1451.9900	20290.80
MT-ND5	7777.066753	3429.561338	2150.4700	15713.30
FTL	7675.252727	4753.312695	3786.3500	37057.70
MYH11	5142.734948	3970.562053	227.4180	16603.20
RPS27	4418.867792	1102.503025	2842.6200	10631.90
ACTB	3990.075974	1893.304590	1062.9300	8806.47
MYL9	3972.885740	2851.234944	111.7820	10833.30

Lowly Expressed

gene	mean	std	min	max
ENSG00000258173	0.0	0.0	0.0	0.0
ENSG00000220240	0.0	0.0	0.0	0.0
TSPY3	0.0	0.0	0.0	0.0
ENSG00000268777	0.0	0.0	0.0	0.0

MIR4540	0.0	0.0	0.0	0.0
ENSG00000253681	0.0	0.0	0.0	0.0
ENSG00000259061	0.0	0.0	0.0	0.0
ENSG00000279163	0.0	0.0	0.0	0.0
RNU6-895P	0.0	0.0	0.0	0.0
RPS17P17	0.0	0.0	0.0	0.0
RNA5SP327	0.0	0.0	0.0	0.0
MIR3152	0.0	0.0	0.0	0.0
MIR941-3	0.0	0.0	0.0	0.0
ZNF736P3Y	0.0	0.0	0.0	0.0
PSMC1P6	0.0	0.0	0.0	0.0
SNORD115-46	0.0	0.0	0.0	0.0
ENSG00000237293	0.0	0.0	0.0	0.0
RNU6-1225P	0.0	0.0	0.0	0.0
ENSG00000242292	0.0	0.0	0.0	0.0
RN7SKP178	0.0	0.0	0.0	0.0

Duplicates

Y_RNA, Metazoa_SRP, U3, U6, SNORA70, U8, U2, 5S_rRNA, U4, SNORA75
SNORA63, SNORA72, 7SK, SNORA62, 5_8S_rRNA, U7, SNORA74, SNORD39, SNORA73, SNORD81
SNORD116, U1, SNORD63, ELOCP24, RPL14P5, SLC25A6, CSF2RA, SNORD115, LINC00102, ASMTL
IL3RA, LINC00484, FAM153B, WASH6P, AMD1P2, ALG1L9P, MIR3690, CD99, CD99P1, LINC01115
ENSG00000281849, SPATA13, DDX11L16, DNAJC9-AS1, CYB561D2, RAET1E-AS1, ELFN2, GOLGA8M, TMSB15B, SNORD42
ENSG00000289007, LINC02256, SNORA71, TBCE, ENSG00000280767, ENSG00000234622, SNORD18, DHRSX, NPEPPSP1, ENSG00000237531
ARMCX5-GPRASP2, ENSG00000228572, LINC00106, WASIR1, TRPC6P, AKAP17A, CRLF2, SNORD33, SIGLEC5, FABP5P13
LINC01238, VAMP7, ENSG00000223511, KRT18P53, DPH3P2, CLCA4-AS1, IL9R, LINC00486, LINC01214, PLCXD1
ENSG00000289620, ASMT, HERC2P7, RGS5, Vault, LINC00685, MIR6089, LINC01605, DHRSX-IT1, ASMTL-AS1
P2RY8, RNA5SP498