

Gene Expression Report

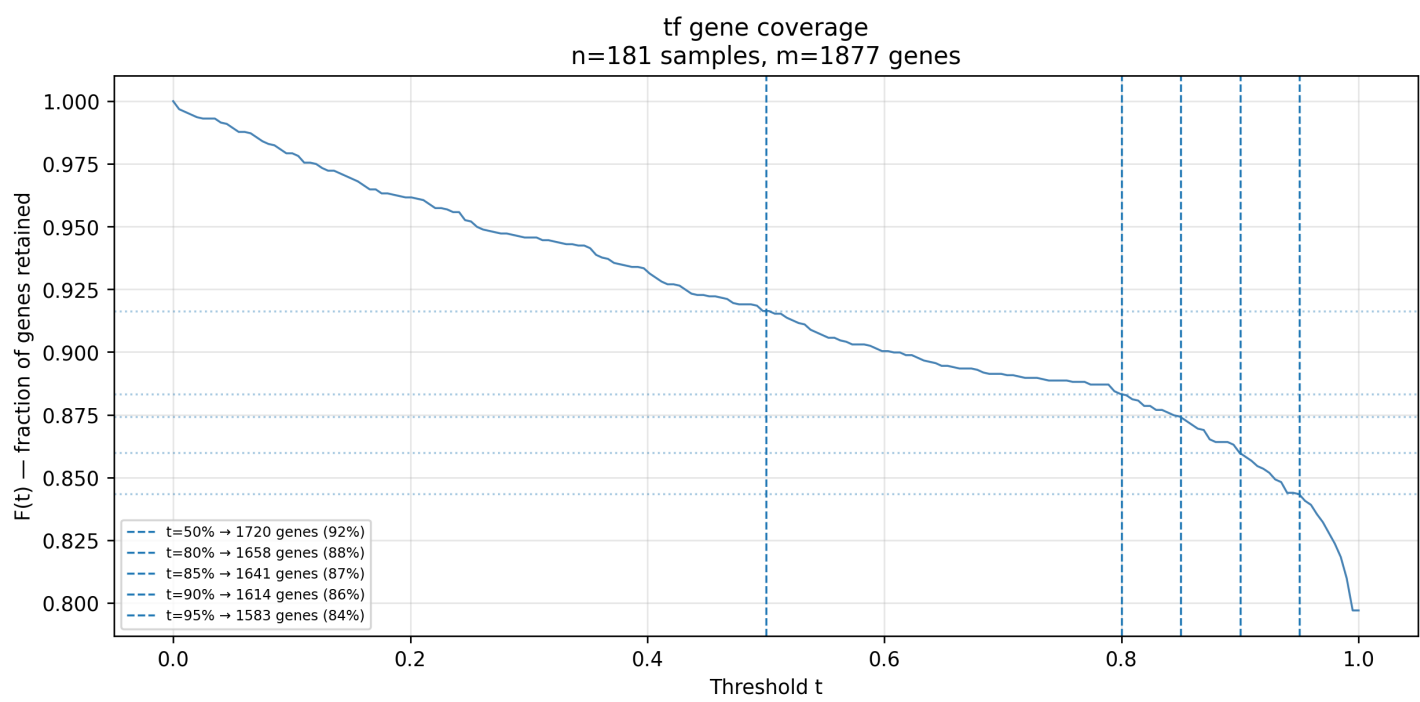
Source: Gene TPMs for Brain - Amygdala
Downloaded: 2025-12-24 01:52:47.085446
Generated: 2026-02-24 22:16

Basic Stats

Samples: 181 | Genes: 59033 | TF: 1873 | Targets: 55980

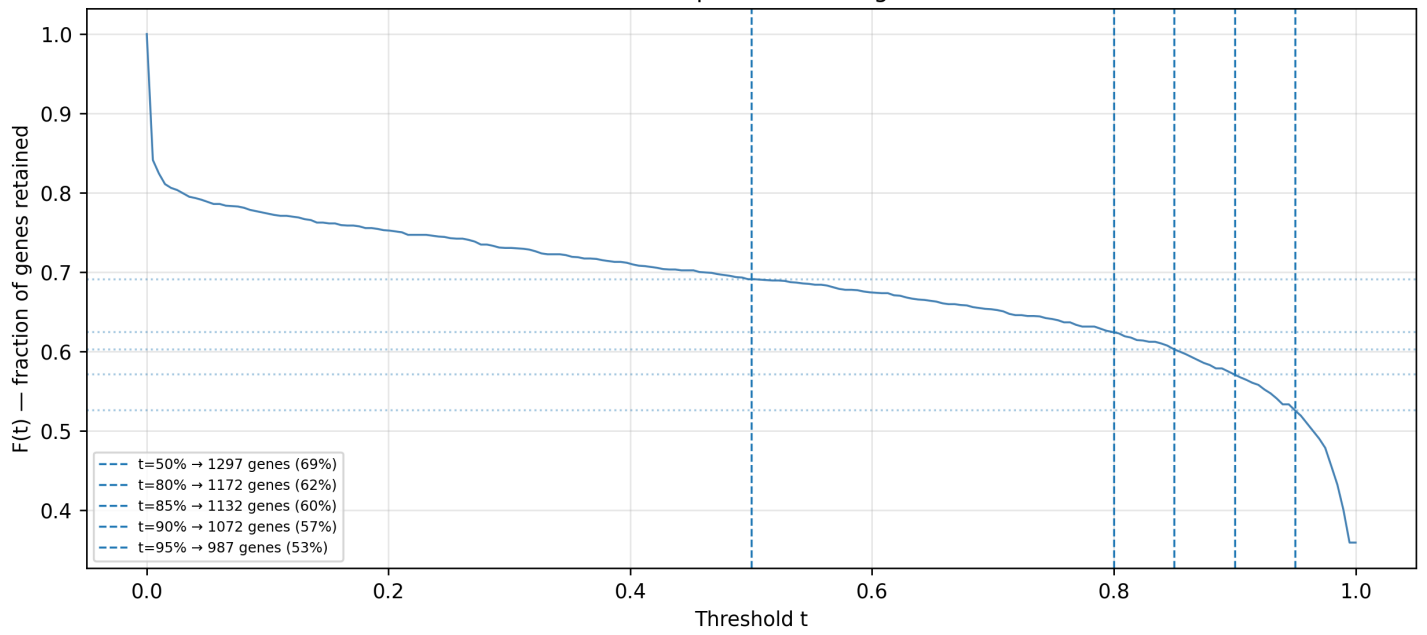
TF Stats

Sparsity



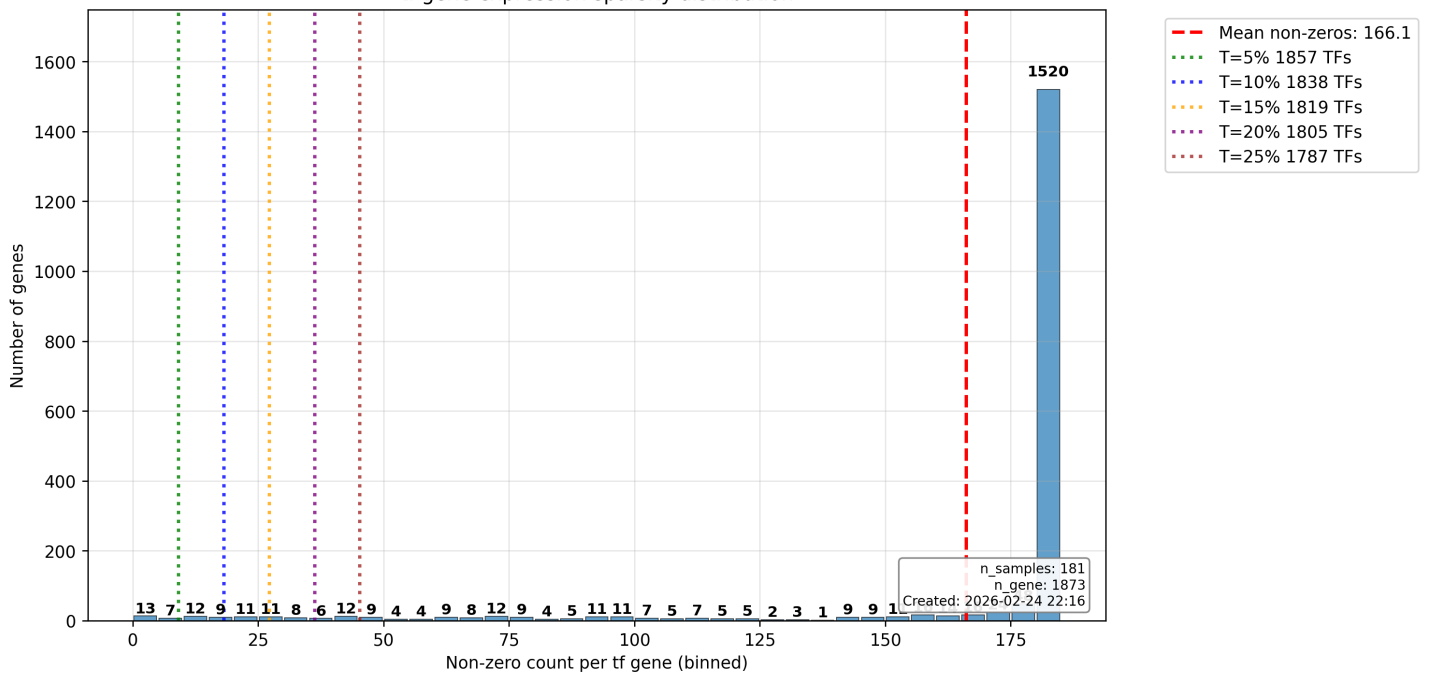
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 0

tf gene coverage
n=181 samples, m=1877 genes



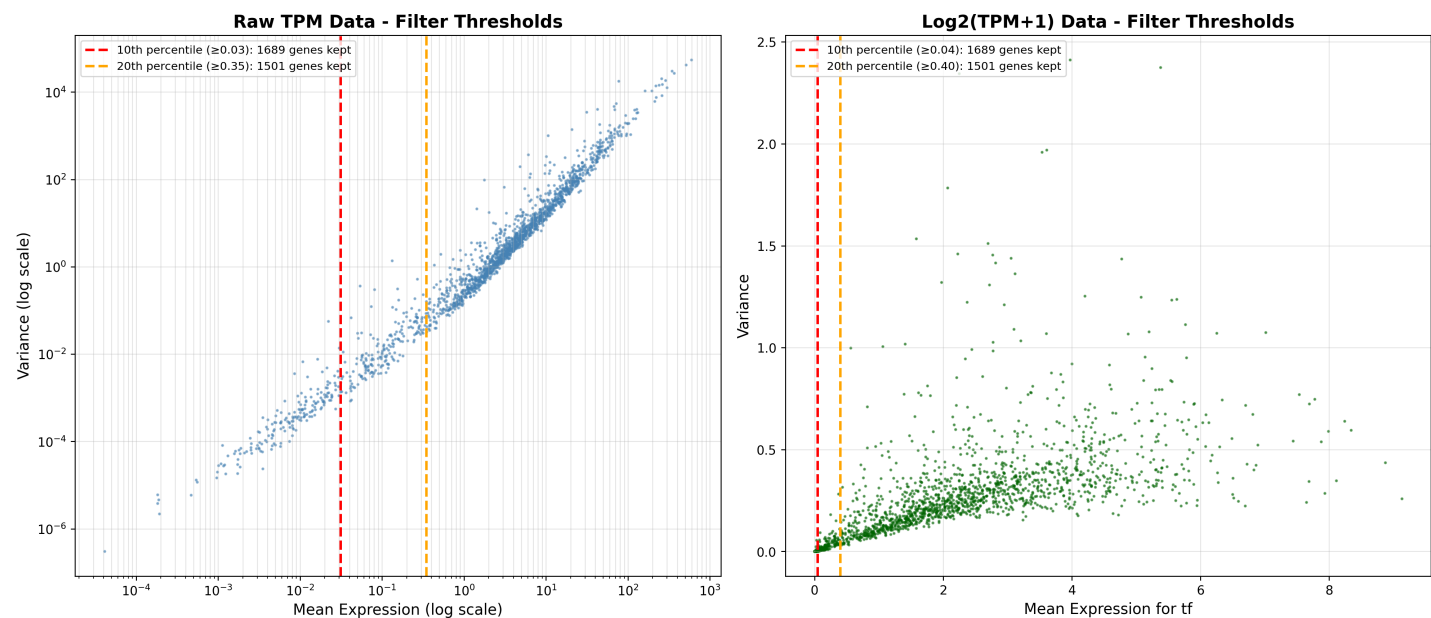
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 1

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	595.788624	234.067872	214.2730	1564.320
YWHAE	512.265618	205.638208	87.6959	1146.680
ENO1	364.193437	165.247222	39.8468	919.743
PRDX5	345.466503	174.516495	52.7380	936.955
RPL6	297.146508	112.606803	56.9496	646.799
UBB	287.081082	136.437970	29.9267	729.857
PKM	263.046661	122.958549	43.8646	722.332
RPS4X	259.313218	91.254083	59.9827	550.686
TPI1	256.611329	142.331291	36.9835	750.913
SOD1	238.919507	120.396399	28.5577	549.465
TSC22D4	221.287770	87.064245	33.3221	592.701
PRNP	217.183376	117.899459	28.3138	734.866
OLIG1	211.539707	78.541660	49.8350	639.235
JUND	195.678029	103.352678	35.1521	593.816
YWHAZ	160.989519	103.440157	19.4826	490.766
SRP9	131.063015	58.249966	14.8865	317.424
SNRNP70	127.902816	63.438758	11.5572	411.457
ATF4	127.132715	57.971353	25.8366	371.821
DRAP1	123.226381	49.812405	26.5547	285.356
TPPP	119.958677	62.595898	19.8964	338.543

Lowly Expressed

gene	mean	std	min	max
HOXD11	0.001159	0.005272	0.0	0.041573
TGIF2LY	0.001126	0.009066	0.0	0.089992
NKX2-6	0.001082	0.005594	0.0	0.051521
MYF5	0.001003	0.005321	0.0	0.039038

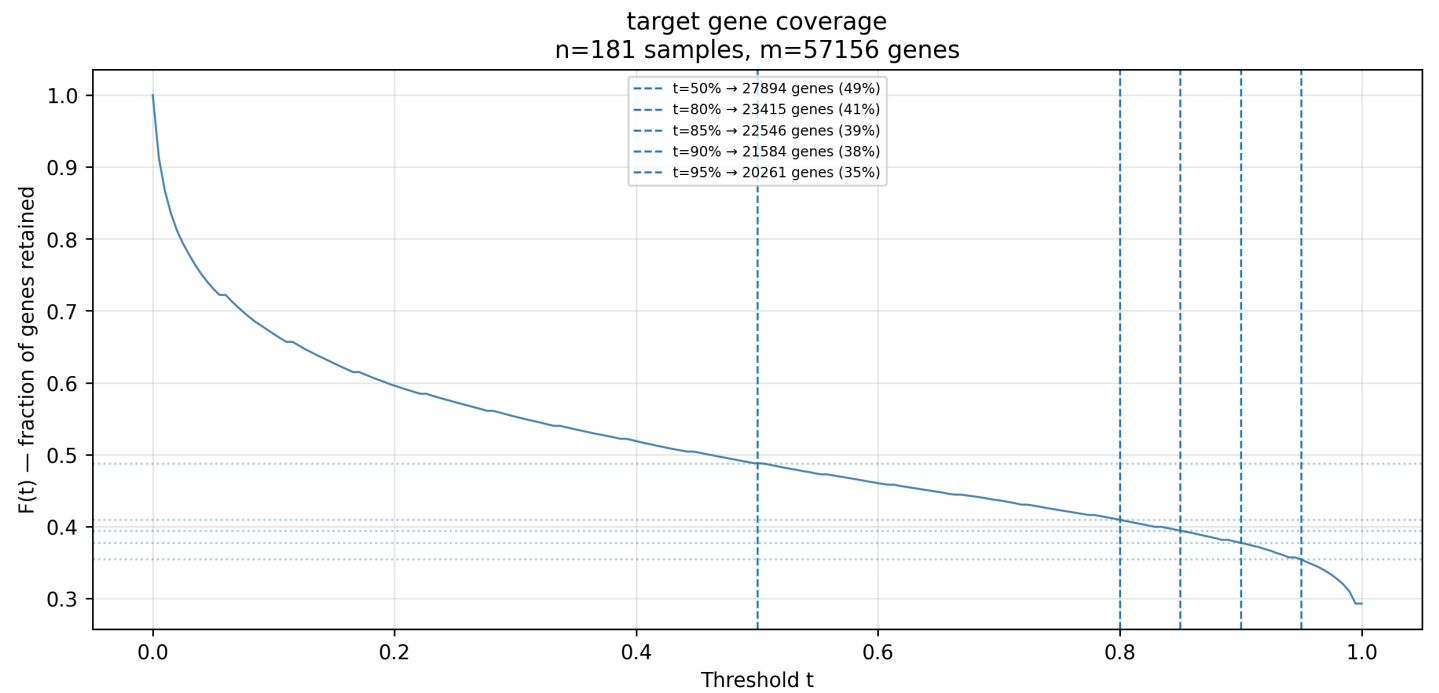
SSX2	0.000975	0.004459	0.0	0.029284
EVX2	0.000961	0.003862	0.0	0.026270
ZNF705D	0.000553	0.003436	0.0	0.038973
MYCLP1	0.000540	0.003633	0.0	0.027447
HOXD12	0.000464	0.002427	0.0	0.019158
HSFY2	0.000190	0.001481	0.0	0.013262
IL21	0.000188	0.002163	0.0	0.028605
ZNF705CP	0.000183	0.002460	0.0	0.033091
ZNF355P	0.000182	0.001961	0.0	0.025250
HSFY1	0.000041	0.000551	0.0	0.007412
ZBED1	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
DUX4	0.000000	0.000000	0.0	0.000000
PPP2R3B	0.000000	0.000000	0.0	0.000000
TGIF2LX	0.000000	0.000000	0.0	0.000000

Duplicates

PPP2R3B	GTPBP6	SHOX	ZBED1				
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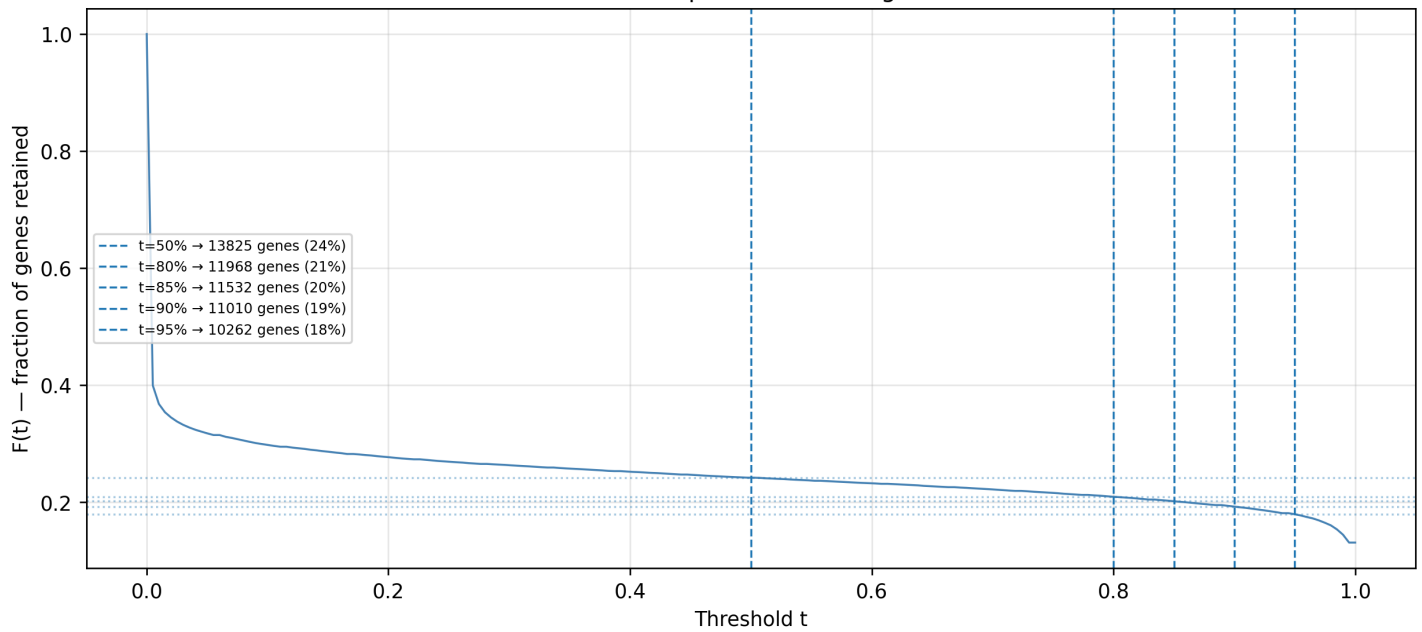
Target Gene Stats

Sparsity



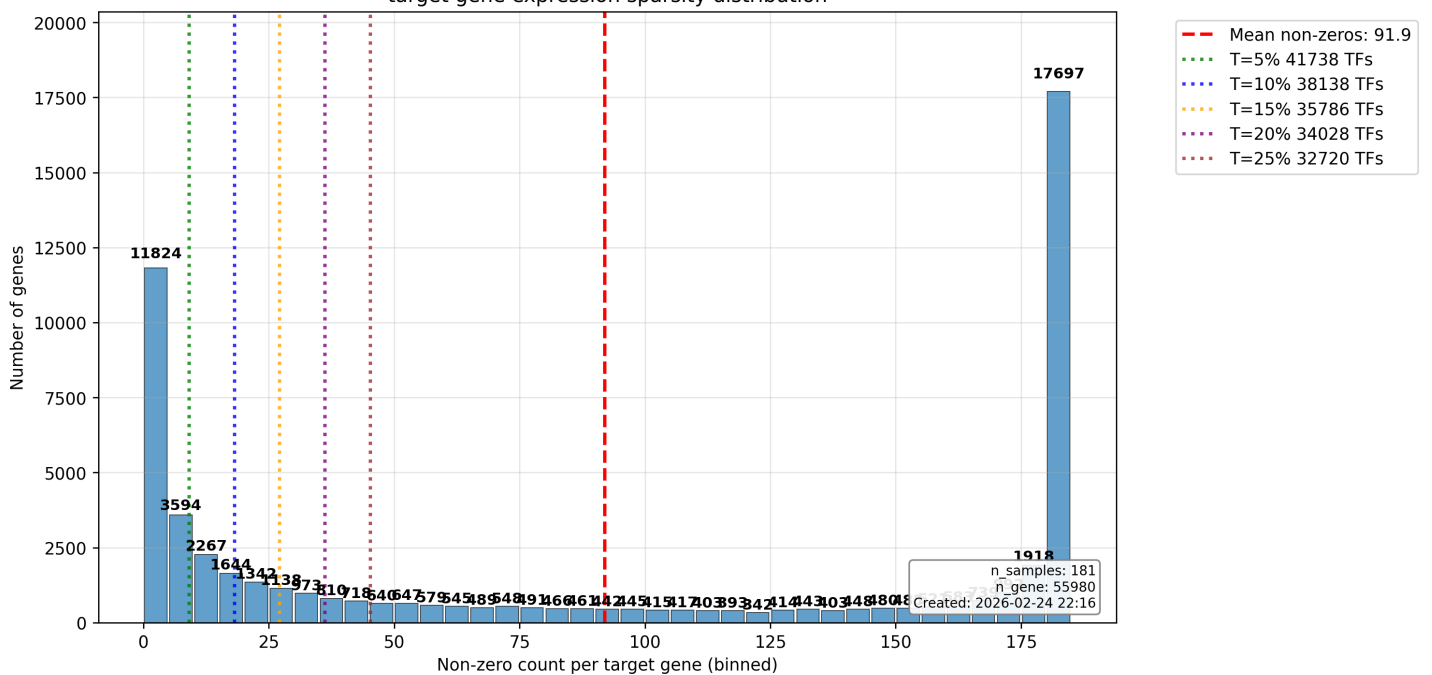
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 0

target gene coverage
n=181 samples, m=57156 genes



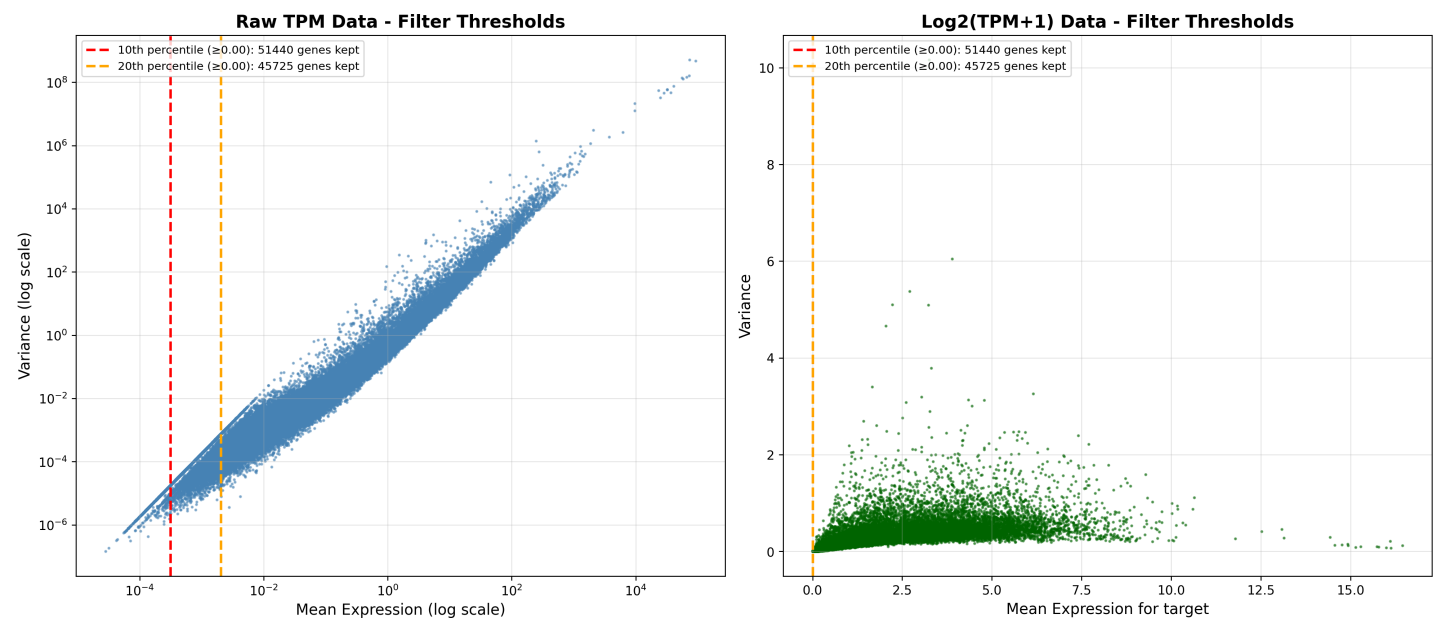
Coverage of gene as a function of coverage threshold. Coverage is expression value greater than 1

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-RNR2	92394.540331	21702.421677	37790.0000	147877.00
MT-CO1	74000.284530	22708.488745	26541.7000	135785.00
MT-CO3	72830.063536	12773.934575	38620.1000	109899.00
MT-CO2	66654.892265	12144.940004	31229.6000	103819.00
MT-ATP6	57945.089503	11269.904244	24871.1000	82679.20
MT-ND4	55821.074033	11726.944280	27356.7000	85305.00
MT-ND1	40933.761878	8696.178680	19223.3000	64552.80
MT-ND2	37000.686740	6892.850650	16746.2000	56246.70
MT-RNR1	32256.491160	7645.591306	15961.7000	57284.00
MT-CYB	32082.969061	7712.470350	11695.5000	53264.90
MT-ATP8	28678.723204	6784.431987	11554.9000	45904.00
MT-ND3	24859.015470	5711.480980	9877.8000	45818.10
MT-ND4L	23491.203867	7452.618378	5008.1400	41608.90
MT-ND5	9670.369945	3542.712280	3561.7600	21964.70
MT-ND6	9662.313923	4623.769775	2367.9400	22831.10
MTATP6P1	6202.899742	1622.154743	40.3533	16011.70
FTL	3755.791602	1372.915363	1060.9900	9121.52
GFAP	2081.883475	1749.665455	126.5810	13193.40
TMSB10	1874.203160	1083.433134	342.9350	5586.27
MT3	1519.567530	732.629481	185.6150	4254.77

Lowly Expressed

gene	mean	std	min	max
ENSG00000278643	0.0	0.0	0.0	0.0
RPS3AP1	0.0	0.0	0.0	0.0
RNU2-66P	0.0	0.0	0.0	0.0
RNU7-185P	0.0	0.0	0.0	0.0

ENSG00000201316	0.0	0.0	0.0	0.0
ENSG00000244337	0.0	0.0	0.0	0.0
SNORD36	0.0	0.0	0.0	0.0
RNU6-1177P	0.0	0.0	0.0	0.0
MIR3689D1	0.0	0.0	0.0	0.0
OR51C4P	0.0	0.0	0.0	0.0
TTTY4B	0.0	0.0	0.0	0.0
TEX101P1	0.0	0.0	0.0	0.0
MIR3667	0.0	0.0	0.0	0.0
ENSG00000270691	0.0	0.0	0.0	0.0
ARAFP2	0.0	0.0	0.0	0.0
ENSG00000238162	0.0	0.0	0.0	0.0
SPDYE9	0.0	0.0	0.0	0.0
MIR5093	0.0	0.0	0.0	0.0
IGHD5-5	0.0	0.0	0.0	0.0
RNU6-617P	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