Labels of aberrant Clusters of Differentiation gene expression in a compendium of systemic lupus erythematosus patients

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Background

This author manuscript serves as an extended annotation of gene expression for all known clusters of differentiation (**CD**) within a compendium of systemic lupus erythematosus (**SLE**) patients. The overarching goal for this line of research is to enrich the perspective of the CD transcriptome with upstream gene expression features.

Introduction

CDs are cell surface biomarkers that denote key biological differences between cell types and disease state. For each of the >400 known CDs[1], distinct monoclonal antibodies (**mABs**) enable robust immunophenotyping and serve as scalable biomarkers for translational research. Annotation of CD molecules have been organized through a series of international meetings known as the Human Leucocyte Differentiation Antigens (**HLDA**) Workshops, affiliated with the Human Cell Differentiation Molecules (**HCDM**) organization.

CD nomenclature *<http://www.hcdm.org/>*

Methods

A compendium containing human SLE gene expression data was previously collected, aggregated, and normalized by collaborators in the Greene Lab at the University of Pennsylvania. *<https://github.com/greenelab/rheum-plier-data/tree/master/sle-wb>* This compendium was slightly modified to include basic demographic information and exclude patients not belonging to classifications of healthy control, treatment naïve SLE, or SLE with exposure to various treatments – the modified dataset represents our '**SLE Compendium**'. Entrez gene ID to CD mapping was provided by HCDM[1]. The SLE Compendium dataset and R code corresponding to data pre-processing can be found on the Breitenstein Lab Github page.

SLE Compendium: *<https://breitensteinlab.github.io/SLE-Compendium-2018/>*

Within our SLE Compendium, all known CDs gene expression of , were categorized as 'aberrant' or 'non-aberrant' based on the following criteria: *i)* two-tailed normalization at 20th and 80th percentile of relative gene expression. Specifically, the two tails encompassed 'aberrant' CD expression, whereas the middle distribution served as 'non-aberrant'. Following visual inspection of all histograms, specific CDs were deemed to require manual adjustments. *ii)* Manually adjustment of two-tail normalization was applied when CDs followed apparent normal distribution but would require slight modification of thresholds to characterization feature variation. *iii)* Binarization CD features was applied when an obvious non-normal distribution was observed. Thresholds separated the expression values into low/ high groups (instead of non-aberrant/aberrant) to capture apparent patterns in the expression distributions.

In future research, CDs will be enriched with perspective of interdependent gene expression features using the integrated machine learning pipeline for aberrant biomarker enrichment (**i-mAB pipeline**).

i-mAB pipeline: *<https://breitensteinlab.github.io/i-mAB/>*

Results

Within the original study cohorts, multiple observations were generated for most patients. Observation characteristics of the SLE Compendium, including PMID for the 6 original studies[2,3,4,5,6,7], can be found in **Table 1**. Additional sample/cohort can be ascertained from the Gene Expression Omnibus via GSE or GEO accession ID.

Gene Expression Omnibus: *<https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi>*

Table 1. SLE Compendium characteristics as ascertained from study of origin

	Cohort 1 [2]	Cohort 2 [3]	Cohort 3 [4]	Cohort 4 [5]	Cohort 5 [6]	Cohort 6 [7]	Overall
Study PMID	18631455	23203821	24644022	25736140	27040498	26138472	---
Study GEO identifier	GSE11907	GSE39088	GSE49454	GSE61635	GSE65391	GSE78193	---
Healthy control*	**0**	**46**	**0**	**30**	**72**	**12**	**160**
median age (range)	---	34.5 (19-50)	---	---	12 (6-21)	---	16 (6-50)
gender - female/male	---	34	---	---	57	---	91
SLE-treatment naïve*	**37**	**21**	**177**	**99**	**924**	**32**	**1290**
median age (range)	14 (8-17)	43 (20-50)	40 (18-71)	---	15 (6-19)	---	16 (6-71)
gender - female	35	21	148	---	817	---	1021
SLE-various treatments*	**0**	**57**	**0**	**0**	**0**	**69**	**126**
median age (range)	---	36 (19-50)	---	---	---	---	36 (19-50)
gender - female/male	---	57	---	---	---	---	57

**observation characteristics include multiple observations per patient*

By default, CD gene expression thresholds were labeled as ‘aberrant’ or ‘non-aberrant’, with ‘aberrant’ being further delineated as ‘low’ or ‘high’. Gene expression was stratified at 20 and 80 percentiles, with low expression being between 0 and 20, average between 20 and 80, and high between 80 and 100. Descriptive statistics of CD gene expression with corresponding Entrez ID can be found in **Supplement 1, Table 2**.

Overall the default two-tailed thresholds provided satisfactory characterization of ‘aberrant’ (including ‘low’ and ‘high’) vs. ‘non-aberrant’ normal gene expression distributions. However, some CDs required manual adjustment, including shifting of thresholds (n=3) and binary transformation for non-normal distributions (n=85) (**Supplement 2, Table 3**). Amongst CD genes requiring binary transformation, no clear data-driven hypothesis of ‘aberrant’ vs ‘average’ was practical so gene expression was labeled simply as ‘low’ or ‘high’ (i.e. no clear baseline comparison is available). Consensus review by the research team determined manual revisions of thresholds. Detailed labelling of all CD features (n=351) identified within the SLE Compendium can be found in **Supplement 3, Figures 1-290**. Included are histograms of CD gene expression distribution and descriptive statistics of expression and variation.

References

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Supplement 1. Table 2. CD expression characteristics with the SLE Compendium

Cluster of Differentiation	Entrez ID	1st quartile	Median	Mean	Standard error	3rd quartile
CD1A	909	0.2877	0.4131	0.4306	0.0049	0.5418
CD1B	910	0.0429	0.2810	0.2859	0.0067	0.4699
CD1C	911	0.4298	0.4847	0.5165	0.0046	0.6191
CD1D	912	0.4725	0.5790	0.5669	0.0047	0.6692
CD1E	913	0.0808	0.3933	0.3550	0.0072	0.5690
CD2	914	0.5507	0.6660	0.6479	0.0045	0.7567
CD3D	915	0.5816	0.6579	0.6517	0.0037	0.7393
CD3E	916	0.3478	0.4621	0.4756	0.0050	0.5963
CD3G	917	0.4454	0.5510	0.5513	0.0045	0.6593
CD4	920	0.4148	0.5369	0.5325	0.0055	0.6743
CD5	921	0.4914	0.6062	0.5890	0.0047	0.7053
CD6	923	0.5397	0.6628	0.6438	0.0048	0.7728
CD7	924	0.4072	0.5400	0.5347	0.0052	0.6661
CD8A	925	0.4365	0.5553	0.5594	0.0049	0.6907
CD8B	926	0.3612	0.4399	0.4622	0.0044	0.5634
CD9	928	0.2634	0.4078	0.4108	0.0056	0.5510
CD10	4311	0.3475	0.4486	0.4754	0.0053	0.5955
CD11A	3683	0.3848	0.4876	0.4934	0.0047	0.5992
CD11B	3684	0.4461	0.5705	0.5660	0.0049	0.6893
CD11C	3687	0.3237	0.4352	0.4567	0.0051	0.5685
CD13	290	0.4166	0.5281	0.5234	0.0048	0.6361
CD14	929	0.4937	0.6117	0.5974	0.0047	0.7128
CD15	2526	0.3056	0.3946	0.4032	0.0041	0.4802
CD16B	2215	0.6375	0.7064	0.6900	0.0039	0.7744
CD18	3689	0.2797	0.3487	0.3843	0.0047	0.4451
CD19	930	0.3390	0.4880	0.4796	0.0057	0.6270
CD20	931	0.4250	0.5417	0.5368	0.0045	0.6543
CD21	1380	0.4267	0.5343	0.5282	0.0051	0.6581
CD22	933	0.2415	0.3850	0.3967	0.0051	0.5316
CD23	2208	0.3318	0.3686	0.4186	0.0052	0.5378
CD25	3559	0.3142	0.3952	0.4048	0.0042	0.4792
CD26	1803	0.3800	0.4833	0.4955	0.0048	0.6179

CD27	939	0.4434	0.5544	0.5574	0.0049	0.6732
CD28	940	0.5163	0.6076	0.5988	0.0042	0.6912
CD30	943	0.4002	0.5314	0.5164	0.0049	0.6416
CD31	5175	0.5092	0.6208	0.6047	0.0047	0.7196
CD33	945	0.4531	0.5563	0.5536	0.0045	0.6564
CD34	947	0.0888	0.2385	0.3193	0.0072	0.5643
CD35	1378	0.2969	0.3960	0.4141	0.0048	0.5101
CD36	948	0.5503	0.6644	0.6425	0.0046	0.7539
CD37	951	0.4015	0.5194	0.5212	0.0048	0.6362
CD38	952	0.2643	0.3496	0.3615	0.0042	0.4382
CD39	953	0.4219	0.5449	0.5388	0.0048	0.6571
CD40	958	0.4295	0.5178	0.5264	0.0049	0.6269
CD41	3674	0.2975	0.4246	0.4302	0.0051	0.5517
CD42A	2815	0.4343	0.5542	0.5424	0.0049	0.6606
CD42B	2811	0.2818	0.4168	0.4206	0.0055	0.5492
CD43	6693	0.4208	0.5204	0.5248	0.0046	0.6187
CD44	960	0.4447	0.5468	0.5461	0.0044	0.6526
CD45	5788	0.4831	0.5932	0.5897	0.0049	0.7097
CD46	4179	0.3236	0.4766	0.4776	0.0056	0.6164
CD47	961	0.3421	0.4422	0.4758	0.0051	0.6049
CD48	962	0.5302	0.6346	0.6206	0.0045	0.7340
CD49B	3673	0.0505	0.0692	0.2157	0.0057	0.3656
CD49C	3675	0.0874	0.1118	0.2535	0.0065	0.4513
CD49D	3676	0.4888	0.5827	0.5825	0.0044	0.6847
CD49E	3678	0.4647	0.5786	0.5710	0.0044	0.6751
CD49F	3655	0.4701	0.5373	0.5076	0.0043	0.5757
CD50	3385	0.4232	0.5380	0.5340	0.0050	0.6507
CD51	3685	0.4443	0.5668	0.5565	0.0046	0.6670
CD52	1043	0.5706	0.6869	0.6614	0.0046	0.7794
CD53	963	0.4696	0.5772	0.5712	0.0045	0.6843
CD54	3383	0.4393	0.4668	0.4858	0.0041	0.5453
CD55	1604	0.3661	0.4807	0.4874	0.0048	0.5927
CD56	4684	0.4322	0.5026	0.4613	0.0043	0.5338
CD57	27087	0.0730	0.1057	0.2654	0.0066	0.4719
CD58	965	0.4668	0.5758	0.5660	0.0045	0.6744

CD59	966	0.3650	0.4031	0.4285	0.0038	0.4862
CD61	3690	0.3290	0.4558	0.4583	0.0051	0.5751
CD62E	6401	0.0770	0.0991	0.2399	0.0067	0.4248
CD62L	6402	0.7253	0.8035	0.7461	0.0049	0.8507
CD62P	6403	0.3499	0.3783	0.4157	0.0043	0.4860
CD63	967	0.3594	0.4536	0.4675	0.0049	0.5648
CD66A	634	0.2915	0.3878	0.4013	0.0045	0.5012
CD66B	1088	0.1388	0.2813	0.3267	0.0057	0.4510
CD66C	4680	0.1392	0.2528	0.2982	0.0058	0.4030
CD66D	1084	0.4487	0.5544	0.5490	0.0047	0.6591
CD66E	1048	0.0563	0.0711	0.1684	0.0054	0.2331
CD66F	5669	0.0613	0.0806	0.2017	0.0063	0.3510
CD68	968	0.3514	0.4872	0.4973	0.0055	0.6275
CD69	969	0.3740	0.4842	0.4911	0.0048	0.6100
CD70	970	0.2230	0.2760	0.3463	0.0050	0.4596
CD71	7037	0.3510	0.4346	0.4396	0.0038	0.5131
CD72	971	0.3064	0.4160	0.4328	0.0049	0.5519
CD73	4907	0.4912	0.5631	0.5156	0.0051	0.5975
CD74	972	0.4180	0.5258	0.5255	0.0048	0.6352
CD79A	973	0.3382	0.4927	0.4903	0.0055	0.6265
CD79B	974	0.3125	0.4823	0.4761	0.0058	0.6293
CD80	941	0.0514	0.1602	0.2415	0.0063	0.4027
CD81	975	0.5014	0.6132	0.6063	0.0045	0.7234
CD82	3732	0.3397	0.4747	0.4727	0.0051	0.5940
CD83	9308	0.3623	0.4244	0.4407	0.0040	0.5118
CD84	8832	0.3429	0.4340	0.4523	0.0045	0.5422
CD85A	11025	0.6931	0.7578	0.7279	0.0038	0.8070
CD85C	10990	0.0850	0.4020	0.3630	0.0067	0.5531
CD85D	10288	0.3225	0.4431	0.4598	0.0053	0.5779
CD85F	353514	0.3677	0.5059	0.5027	0.0053	0.6397
CD85G	23547	0.4090	0.4471	0.4459	0.0041	0.4722
CD85H	11027	0.5010	0.6070	0.5915	0.0044	0.7014
CD85J	10859	0.3159	0.4139	0.4257	0.0046	0.5250
CD85K	11006	0.4451	0.5721	0.5530	0.0049	0.6757
CD85M	79166	0.0732	0.0925	0.1941	0.0058	0.2385

CD86	942	0.4575	0.5648	0.5551	0.0046	0.6661
CD87	5329	0.3865	0.5033	0.5014	0.0048	0.6157
CD88	728	0.4475	0.5733	0.5605	0.0048	0.6804
CD89	2204	0.2910	0.3992	0.4156	0.0049	0.5191
CD90	7070	0.4564	0.5648	0.5543	0.0046	0.6762
CD91	4035	0.3538	0.3758	0.4351	0.0045	0.5273
CD92	23446	0.2598	0.3575	0.3815	0.0048	0.4715
CD93	22918	0.5621	0.6614	0.6459	0.0043	0.7482
CD94	3824	0.3531	0.4708	0.4715	0.0051	0.5947
CD95	355	0.2904	0.3998	0.4154	0.0050	0.5267
CD96	10225	0.4582	0.5713	0.5583	0.0046	0.6695
CD97	976	0.6236	0.6971	0.6633	0.0046	0.7619
CD98	6520	0.3606	0.4524	0.4941	0.0051	0.5967
CD99	4267	0.4504	0.5680	0.5712	0.0050	0.6912
CD100	10507	0.3385	0.4490	0.4607	0.0050	0.5779
CD101	9398	0.2724	0.3138	0.3420	0.0047	0.3551
CD102	3384	0.4566	0.5730	0.5620	0.0049	0.6810
CD103	3682	0.4387	0.5648	0.5500	0.0050	0.6722
CD104	3691	0.0816	0.1027	0.2067	0.0057	0.2799
CD105	2022	0.3528	0.3820	0.4359	0.0046	0.5444
CD106	7412	0.0866	0.1180	0.2716	0.0065	0.4658
CD107A	3916	0.4480	0.5595	0.5639	0.0050	0.6827
CD107B	3920	0.4848	0.6087	0.5944	0.0050	0.7172
CD108	8482	0.0407	0.0579	0.2029	0.0058	0.3577
CD109	135228	0.0000	0.0000	0.1030	0.0052	0.1858
CD110	4352	0.3177	0.4492	0.4495	0.0054	0.5842
CD111	5818	0.0928	0.1236	0.2683	0.0066	0.4653
CD112	5819	0.3224	0.4273	0.4002	0.0044	0.4934
CD113	25945	0.0681	0.0913	0.2426	0.0064	0.4338
CD114	1441	0.5753	0.6686	0.6467	0.0043	0.7422
CD115	1436	0.5198	0.6335	0.6169	0.0047	0.7290
CD116	1438	0.4898	0.6032	0.5869	0.0048	0.7041
CD117	3815	0.3513	0.4393	0.4171	0.0048	0.5119
CD118	3977	0.0659	0.0853	0.1629	0.0050	0.1796
CD119	3459	0.4095	0.5120	0.5233	0.0048	0.6231

CD120A	7132	0.5005	0.6198	0.6110	0.0047	0.7361
CD120B	7133	0.4559	0.5577	0.5536	0.0043	0.6504
CD121A	3554	0.0190	0.0244	0.1232	0.0049	0.1807
CD121B	7850	0.2424	0.3407	0.3743	0.0052	0.4773
CD122	3560	0.3886	0.5172	0.5126	0.0052	0.6399
CD123	3563	0.3700	0.4103	0.3952	0.0043	0.4318
CD124	3566	0.2042	0.2736	0.3085	0.0043	0.3769
CD125	3568	0.3568	0.4262	0.4325	0.0041	0.5189
CD126	3570	0.3755	0.4928	0.4965	0.0051	0.6100
CD127	3575	0.5461	0.6411	0.6247	0.0040	0.7205
CD130	3572	0.3375	0.4164	0.4160	0.0041	0.5015
CD131	1439	0.4445	0.5347	0.5372	0.0041	0.6284
CD132	3561	0.3418	0.4780	0.4704	0.0053	0.5944
CD133	8842	0.0488	0.0621	0.1466	0.0050	0.1944
CD134	7293	0.3926	0.4894	0.4966	0.0045	0.5970
CD135	2322	0.0291	0.0373	0.1480	0.0057	0.2172
CD136	4486	0.0000	0.0000	0.1381	0.0070	0.1647
CD137	3604	0.3478	0.4435	0.4429	0.0045	0.5422
CD138	6382	0.3120	0.3694	0.3835	0.0044	0.4721
CD140A	5156	0.0972	0.1263	0.2032	0.0053	0.2115
CD140B	5159	0.3238	0.3561	0.4020	0.0049	0.4690
CD141	7056	0.2608	0.2839	0.3207	0.0043	0.3411
CD142	2152	0.0865	0.1460	0.2883	0.0067	0.4879
CD143	1636	0.0946	0.1203	0.2143	0.0056	0.2871
CD144	1003	0.1160	0.1465	0.2313	0.0054	0.2808
CD146	4162	0.0703	0.0887	0.1900	0.0058	0.2591
CD147	682	0.3429	0.4740	0.4832	0.0055	0.6138
CD148	5795	0.4195	0.5279	0.5285	0.0045	0.6324
CD150	6504	0.4758	0.6168	0.5923	0.0048	0.7180
CD151	977	0.3240	0.4176	0.4358	0.0045	0.5333
CD152	1493	0.5168	0.5735	0.5624	0.0046	0.6629
CD153	944	0.2956	0.3934	0.3992	0.0045	0.4975
CD154	959	0.3712	0.4881	0.4943	0.0053	0.6246
CD155	5817	0.4646	0.5331	0.5162	0.0043	0.5983
CD156A	101	0.4237	0.5389	0.5380	0.0050	0.6521

CD156C	102	0.4647	0.5321	0.5452	0.0039	0.6233
CD157	683	0.3466	0.4645	0.4743	0.0051	0.5949
CD158E	3811	0.3143	0.4080	0.4189	0.0043	0.5066
CD158I	3809	0.0000	0.0000	0.1134	0.0060	0.1442
CD158K	3812	0.3227	0.4613	0.4677	0.0053	0.6060
CD160	11126	0.3611	0.4916	0.4939	0.0048	0.6118
CD161	3820	0.4143	0.5328	0.5259	0.0049	0.6424
CD162	6404	0.3945	0.5122	0.5080	0.0047	0.6193
CD163	9332	0.2490	0.3195	0.3529	0.0043	0.4156
CD164	8763	0.3328	0.4739	0.4945	0.0050	0.6267
CD166	214	0.3513	0.4532	0.4597	0.0048	0.5668
CD167A	780	0.3657	0.4349	0.4419	0.0043	0.5196
CD167B	4921	0.0842	0.1105	0.2371	0.0063	0.3681
CD168	3161	0.0473	0.1676	0.2173	0.0056	0.3415
CD169	6614	0.0290	0.1402	0.2449	0.0072	0.4275
CD170	8778	0.4018	0.5207	0.5186	0.0049	0.6382
CD171	3897	0.0649	0.0819	0.2025	0.0061	0.3430
CD172A	140885	0.4620	0.5746	0.5634	0.0045	0.6771
CD172G	55423	0.3642	0.4814	0.4895	0.0049	0.6088
CD174	2525	0.0000	0.0000	0.1298	0.0063	0.2475
CD177	57126	0.0226	0.0311	0.1232	0.0047	0.1642
CD178	356	0.4686	0.5054	0.5078	0.0044	0.5625
CD179A	7441	0.0409	0.0523	0.1288	0.0045	0.1056
CD179B	3543	0.5017	0.5881	0.5847	0.0044	0.6935
CD180	4064	0.0896	0.3274	0.3306	0.0066	0.5309
CD181	3577	0.5136	0.6410	0.6177	0.0049	0.7477
CD182	3579	0.5253	0.6211	0.6064	0.0041	0.7002
CD183	2833	0.4208	0.5164	0.5323	0.0046	0.6433
CD184	7852	0.4024	0.4948	0.5076	0.0045	0.6019
CD185	643	0.3929	0.5298	0.5033	0.0047	0.6156
CD186	10663	0.4005	0.4329	0.4296	0.0042	0.4769
CD191	1230	0.4444	0.5803	0.5620	0.0051	0.6919
CD193	1232	0.4625	0.5722	0.5543	0.0049	0.6712
CD194	1233	0.0459	0.0605	0.1963	0.0064	0.3592
CD195	1234	0.3732	0.4295	0.4471	0.0042	0.5207

CD196	1235	0.3381	0.4530	0.4578	0.0050	0.5753
CD197	1236	0.4787	0.6108	0.5969	0.0050	0.7204
CD199	10803	0.3392	0.4020	0.3840	0.0038	0.4403
CD200	4345	0.0567	0.0819	0.2404	0.0062	0.4174
CD201	10544	0.2714	0.3164	0.3688	0.0048	0.4618
CD202B	7010	0.0674	0.2322	0.2739	0.0064	0.4369
CD203C	5169	0.0818	0.1037	0.1722	0.0046	0.1822
CD204	4481	0.0663	0.0921	0.2563	0.0064	0.4345
CD205	4065	0.4357	0.5313	0.5450	0.0040	0.6345
CD206	4360	0.0625	0.0808	0.1978	0.0054	0.3369
CD207	50489	0.0724	0.0917	0.2102	0.0060	0.3352
CD208	27074	0.2642	0.3410	0.3676	0.0043	0.4326
CD209	30835	0.0000	0.0000	0.1070	0.0056	0.1425
CD210	3587	0.4240	0.5205	0.5219	0.0044	0.6222
CDW210B	3588	0.5186	0.6042	0.5920	0.0041	0.6832
CD212	3594	0.4045	0.5213	0.5310	0.0049	0.6489
CD213A1	3597	0.4451	0.5561	0.5489	0.0048	0.6578
CD213A2	3598	0.0658	0.0828	0.1504	0.0045	0.1479
CD215	3601	0.0744	0.0945	0.1943	0.0057	0.2438
CD217A	23765	0.3543	0.4847	0.4848	0.0053	0.6106
CD218A	8809	0.2310	0.3237	0.3634	0.0053	0.4489
CD218B	8807	0.3551	0.4772	0.4696	0.0049	0.5795
CD220	3643	0.0558	0.0707	0.1690	0.0054	0.2508
CD221	3480	0.3040	0.3717	0.3908	0.0041	0.4642
CD222	3482	0.3865	0.4883	0.4928	0.0047	0.5964
CD223	3902	0.3208	0.4433	0.4631	0.0048	0.5783
CD225	8519	0.6660	0.7433	0.7008	0.0047	0.7958
CD226	10666	0.4493	0.5699	0.5684	0.0046	0.6877
CD227	4582	0.2539	0.2935	0.3209	0.0038	0.3633
CD228	4241	0.0977	0.1279	0.2904	0.0067	0.5091
CD229	4063	0.4910	0.6255	0.6065	0.0049	0.7315
CD230	5621	0.4669	0.5790	0.5668	0.0047	0.6783
CD231	7102	0.0694	0.1267	0.1527	0.0038	0.2059
CD232	10154	0.3927	0.5165	0.5161	0.0050	0.6311
CD233	6521	0.3742	0.4941	0.4807	0.0052	0.5946

CD234	2532	0.2298	0.2971	0.3469	0.0051	0.4538
CD235A	2993	0.0264	0.0336	0.0949	0.0040	0.1100
CD235B	2994	0.2290	0.3563	0.3744	0.0056	0.5058
CD236	2995	0.4735	0.5625	0.5534	0.0043	0.6455
CD238	3792	0.2072	0.2995	0.3301	0.0045	0.4292
CD239	4059	0.1152	0.1459	0.2366	0.0059	0.2638
CD240CE	6006	0.1861	0.2264	0.2542	0.0041	0.2675
CD240D	6007	0.0252	0.0322	0.1400	0.0050	0.2184
CD241	6005	0.0282	0.0361	0.1449	0.0051	0.2316
CD242	3386	0.3286	0.3667	0.3986	0.0041	0.4481
CD243	5243	0.3582	0.4697	0.4731	0.0050	0.5995
CD244	51744	0.5086	0.5471	0.5625	0.0044	0.6383
CD246	238	0.0540	0.0687	0.1963	0.0064	0.3157
CD247	919	0.5804	0.6672	0.6598	0.0039	0.7547
CD248	57124	0.3734	0.4714	0.4798	0.0047	0.5894
CD249	2028	0.0632	0.0860	0.2344	0.0064	0.4235
CD252	7292	0.2576	0.3412	0.3685	0.0047	0.4500
CD253	8743	0.3552	0.4537	0.4613	0.0046	0.5625
CD254	8600	0.0778	0.1061	0.2277	0.0060	0.3639
CD257	10673	0.4844	0.6047	0.5812	0.0048	0.6959
CD258	8740	0.3544	0.5111	0.5044	0.0057	0.6435
CD262	8795	0.3919	0.5091	0.5013	0.0049	0.6212
CD263	8794	0.3718	0.4614	0.4833	0.0048	0.5685
CD264	8793	0.0537	0.0768	0.2575	0.0069	0.4421
CD265	8792	0.0607	0.0770	0.1617	0.0049	0.2216
CD266	51330	0.2305	0.2770	0.3496	0.0051	0.4592
CD267	23495	0.3001	0.3167	0.3391	0.0042	0.3625
CD269	608	0.2179	0.3244	0.3582	0.0049	0.4692
CD270	8764	0.3937	0.5311	0.5315	0.0053	0.6555
CD271	4804	0.0484	0.0626	0.1994	0.0059	0.3569
CD272	151888	0.3200	0.4516	0.4583	0.0049	0.5837
CD273	80380	0.0000	0.0000	0.0919	0.0048	0.1376
CD274	29126	0.0346	0.0441	0.1299	0.0049	0.1768
CD276	80381	0.0618	0.0801	0.2286	0.0069	0.3964
CD277	11119	0.3237	0.4063	0.4270	0.0044	0.5089

CD278	29851	0.4065	0.5303	0.5204	0.0051	0.6423
CD279	5133	0.0390	0.0499	0.1709	0.0061	0.2742
CD280	9902	0.0455	0.2031	0.2347	0.0058	0.3882
CD281	7096	0.3368	0.4997	0.4942	0.0060	0.6577
CD282	7097	0.2973	0.4055	0.4288	0.0050	0.5405
CD283	7098	0.0974	0.1225	0.2435	0.0059	0.3783
CD284	7099	0.3382	0.4540	0.4687	0.0051	0.5907
CD286	10333	0.3518	0.4914	0.4930	0.0054	0.6335
CD288	51311	0.4240	0.5298	0.5305	0.0048	0.6437
CD289	54106	0.3317	0.3715	0.3772	0.0042	0.3984
CD290	81793	0.4269	0.5439	0.5341	0.0046	0.6416
CD292	657	0.0928	0.1299	0.2889	0.0065	0.4903
CDW293	658	0.0771	0.1042	0.2290	0.0054	0.3880
CD294	11251	0.2721	0.2885	0.3274	0.0045	0.3827
CD295	3953	0.4433	0.5012	0.5038	0.0041	0.5759
CD296	417	0.3463	0.3758	0.4412	0.0044	0.5359
CD297	420	0.0485	0.0637	0.2164	0.0062	0.3780
CD298	483	0.3326	0.4407	0.4449	0.0047	0.5547
CD299	10332	0.0339	0.0427	0.1953	0.0067	0.3262
CD300A	11314	0.4993	0.6021	0.5909	0.0045	0.6974
CD300C	10871	0.4161	0.5457	0.5341	0.0051	0.6624
CD301	10462	0.4865	0.5319	0.5278	0.0044	0.6119
CD304	8829	0.0821	0.1085	0.2568	0.0065	0.4547
CD305	3903	0.3634	0.4618	0.4744	0.0044	0.5776
CD306	3904	0.2039	0.2878	0.3070	0.0044	0.3783
CD307A	115350	0.0862	0.1091	0.1929	0.0053	0.2121
CD307B	79368	0.3870	0.5031	0.4953	0.0047	0.6056
CD307C	115352	0.4221	0.5118	0.5191	0.0044	0.6154
CD307D	83417	0.0523	0.0663	0.1390	0.0046	0.1500
CD307E	83416	0.2651	0.3560	0.3732	0.0044	0.4562
CD308	2321	0.1455	0.1845	0.2555	0.0054	0.2298
CD309	3791	0.0792	0.1003	0.1694	0.0045	0.1944
CD312	30817	0.4273	0.5262	0.5254	0.0046	0.6323
CD315	5738	0.0863	0.1089	0.1899	0.0050	0.2524
CD316	93185	0.1475	0.5214	0.4480	0.0070	0.6486

CD317	684	0.4043	0.5385	0.5355	0.0054	0.6746
CD318	64866	0.0909	0.2574	0.3190	0.0070	0.5427
CD319	57823	0.3282	0.4635	0.4620	0.0048	0.5813
CD320	51293	0.4975	0.5343	0.5618	0.0042	0.6432
CD321	50848	0.3659	0.4622	0.4825	0.0047	0.5838
CD322	58494	0.0578	0.0736	0.2095	0.0065	0.3546
CD324	999	0.0830	0.1046	0.1786	0.0048	0.1851
CD325	1000	0.1798	0.2115	0.2514	0.0044	0.2504
CD326	4072	0.0374	0.0473	0.1227	0.0043	0.1631
CD327	946	0.1152	0.4171	0.3868	0.0067	0.5691
CD328	27036	0.3945	0.4399	0.4761	0.0041	0.5506
CD329	27180	0.3735	0.4845	0.4874	0.0050	0.5985
CD331	2260	0.0623	0.0815	0.1848	0.0057	0.2825
CD332	2263	0.1078	0.1379	0.1910	0.0046	0.1685
CD333	2261	0.0938	0.1198	0.2726	0.0064	0.4759
CD334	2264	0.1030	0.1317	0.2100	0.0055	0.1767
CD335	9437	0.0930	0.1176	0.2136	0.0056	0.3205
CD336	9436	0.0406	0.0514	0.1626	0.0057	0.2566
CD337	259197	0.3529	0.4894	0.4933	0.0046	0.6105
CD338	9429	0.0000	0.0000	0.0981	0.0052	0.0917
CD339	182	0.0478	0.0622	0.1937	0.0061	0.3276
CD340	2064	0.4351	0.4842	0.4856	0.0044	0.5603
CD344	8322	0.0000	0.0000	0.1506	0.0071	0.3500
CD349	8326	0.0453	0.0572	0.1384	0.0049	0.1556
CD350	11211	0.0368	0.0508	0.2128	0.0066	0.3945
CD351	8395	0.2458	0.3268	0.3550	0.0044	0.4425
CD353	56833	0.0388	0.0496	0.1923	0.0060	0.3306
CD354	54210	0.4307	0.5610	0.5460	0.0052	0.6796
CD355	56253	0.0568	0.0724	0.1858	0.0061	0.2610
CD357	8784	0.0684	0.0893	0.2214	0.0061	0.3834
CD358	27242	0.3184	0.3443	0.3893	0.0049	0.4793
CD360	50615	0.5752	0.6418	0.6174	0.0045	0.7088
CD361	2124	0.2721	0.3649	0.3831	0.0047	0.4680
CD362	6383	0.2068	0.2533	0.3137	0.0050	0.3991
CD363	1901	0.4069	0.5292	0.5368	0.0051	0.6612

CD364	221476	0.4220	0.4661	0.4906	0.0047	0.5900
CD366	84868	0.4126	0.5178	0.5167	0.0046	0.6249
CD367	50856	0.5184	0.6120	0.6118	0.0042	0.7098
CD369	64581	0.4805	0.5836	0.5811	0.0049	0.6980

By default, CD gene expression was stratified at 20 and 80 percentiles, with low expression being between 0 and 20, average between 20 and 80, and high between 80 and 100. Two-tailed thresholds were labeled as ‘aberrant’ or ‘non-aberrant’, with ‘aberrant’ being further delineated as ‘low’ or ‘high’.

Supplement 2. Table 3. Clusters of differentiation gene expression requiring. Feature transformation included threshold shifting (n=3) or binary dichotomization (n=85).

Cluster of Differentiation	Entrez ID	Feature transformation	Threshold	Figure #
CD34	947	Dichotomization	0.18	38
CD49B	3673	Dichotomization	0.1	54
CD49C	3675	Dichotomization	0.18	55
CD57	27087	Dichotomization	0.2	66
CD62E	6401	Dichotomization	0.2	70
CD62L	6402	Dichotomization	0.7	71
CD66E	1048	Dichotomization	0.12	78
CD66F	5669	Dichotomization	0.15	79
CD72	971	First threshold shifted	0.35	84
CD80	941	Dichotomization	0.1	89
CD85C	10990	Dichotomization	0.2	95
CD85M	79166	Dichotomization	0.2	102
CD91	4035	Dichotomization	0.45	108
CD104	3691	Dichotomization	0.2	121
CD105	2022	First threshold shifted	0.3	122
CD106	7412	Dichotomization	0.2	123
CD108	8482	Dichotomization	0.15	126
CD111	5818	Dichotomization	0.2	129
CD113	25945	Dichotomization	0.15	131
CD118	3977	Dichotomization	0.18	136
CD121A	3554	Dichotomization	0.1	140
CD133	8842	Dichotomization	0.1	151
CD135	2322	Dichotomization	0.1	153
CD140A	5156	Dichotomization	0.2	157
CD142	2152	Dichotomization	0.2	160
CD143	1636	Dichotomization	0.2	161
CD144	1003	Dichotomization	0.25	162
CD146	4162	Dichotomization	0.2	163
CD154	959	Dichotomization	0.35	170
CD167B	4921	Dichotomization	0.2	185
CD168	3161	Dichotomization	0.15	186
CD169	6614	Dichotomization	0.1	187
CD171	3897	Dichotomization	0.2	189
CD179A	7441	Dichotomization	0.15	195
CD180	4064	Dichotomization	0.2	197

CD194	1233	Dichotomization	0.1	206
CD200	4345	Dichotomization	0.2	211
CD202B	7010	Dichotomization	0.15	213
CD203C	5169	Dichotomization	0.18	214
CD204	4481	Dichotomization	0.2	215
CD206	4360	Dichotomization	0.15	217
CD207	50489	Dichotomization	0.15	218
CD213A2	3598	Dichotomization	0.15	225
CD215	3601	Dichotomization	0.2	226
CD220	3643	Dichotomization	0.15	230
CD225	8519	Dichotomization	0.63	234
CD228	4241	Dichotomization	0.2	237
CD231	7102	First threshold shifted	0.05	240
CD235A	2993	Dichotomization	0.07	244
CD239	4059	Dichotomization	0.2	248
CD240D	6007	Dichotomization	0.1	250
CD241	6005	Dichotomization	0.1	251
CD246	238	Dichotomization	0.2	255
CD249	2028	Dichotomization	0.2	258
CD254	8600	Dichotomization	0.2	261
CD264	8793	Dichotomization	0.15	266
CD265	8792	Dichotomization	0.15	267
CD271	4804	Dichotomization	0.15	272
CD274	29126	Dichotomization	0.1	275
CD276	80381	Dichotomization	0.2	276
CD279	5133	Dichotomization	0.1	279
CD280	9902	Dichotomization	0.15	280
CD283	7098	Dichotomization	0.2	283
CD292	657	Dichotomization	0.2	289
CD297	420	Dichotomization	0.2	290
CD299	10332	Dichotomization	0.1	294
CD304	8829	Dichotomization	0.2	296
CD307A	115350	Dichotomization	0.2	300
CD307D	83417	Dichotomization	0.1	303
CD309	3791	Dichotomization	0.2	306
CD315	5738	Dichotomization	0.2	309
CD316	93185	Dichotomization	0.2	311
CD318	64866	Dichotomization	0.2	312
CD322	58494	Dichotomization	0.15	314

CD324	999	Dichotomization	0.2	318
CD326	4072	Dichotomization	0.1	319
CD331	2260	Dichotomization	0.2	321
CD333	2261	Dichotomization	0.2	325
CD334	2264	Dichotomization	0.2	327
CD335	9437	Dichotomization	0.2	328
CD336	9436	Dichotomization	0.1	329
CD339	182	Dichotomization	0.1	330
CD349	8326	Dichotomization	0.1	333
CD350	11211	Dichotomization	0.1	336
CD353	56833	Dichotomization	0.1	337
CD355	56253	Dichotomization	0.15	339
CD357	8784	Dichotomization	0.15	341
CDW293	658	Dichotomization	0.2	342

Supplement 3. Figures 1 – 351. Distributions Clusters of Differentiation and labels of aberrant gene expression.

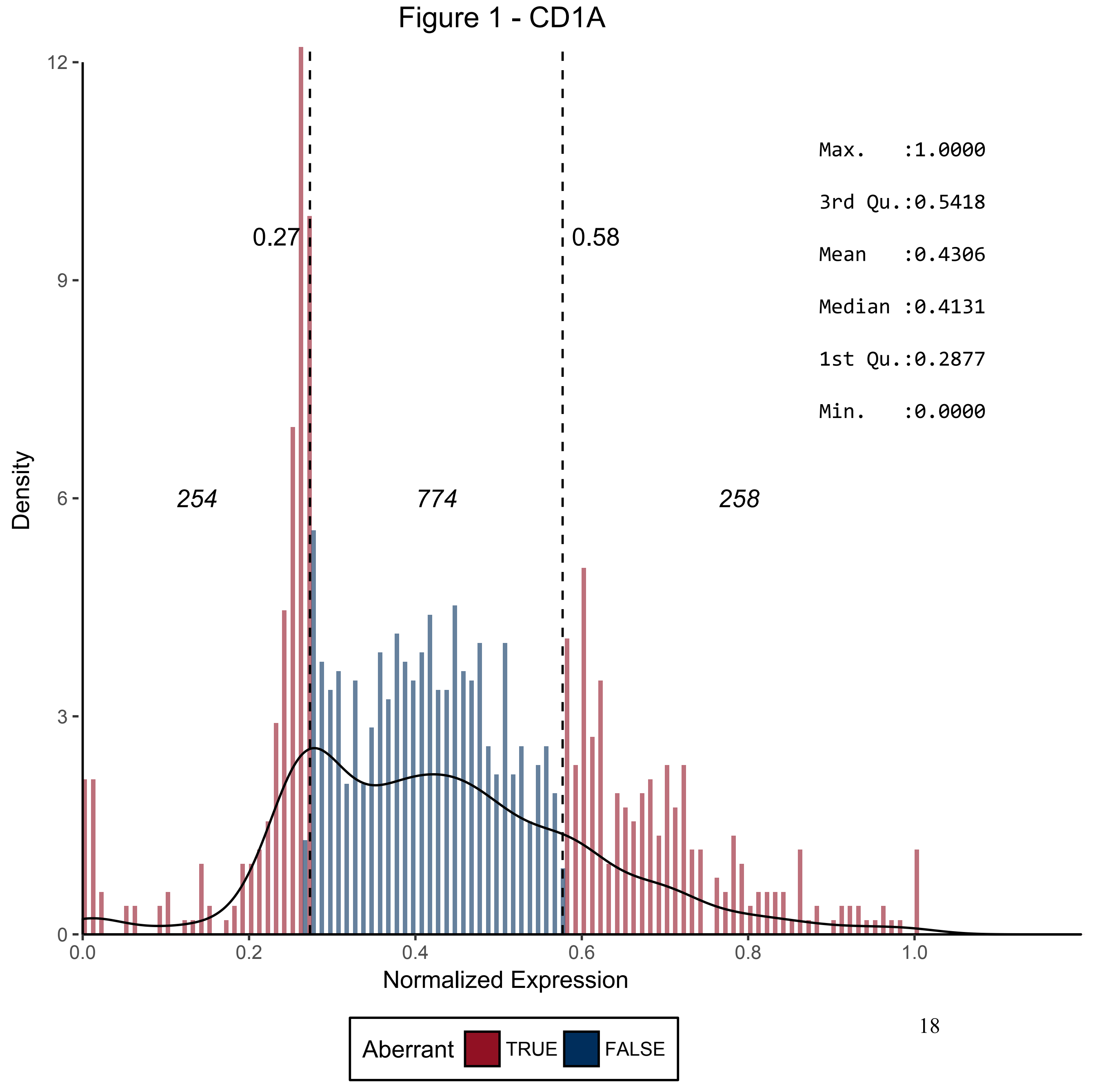
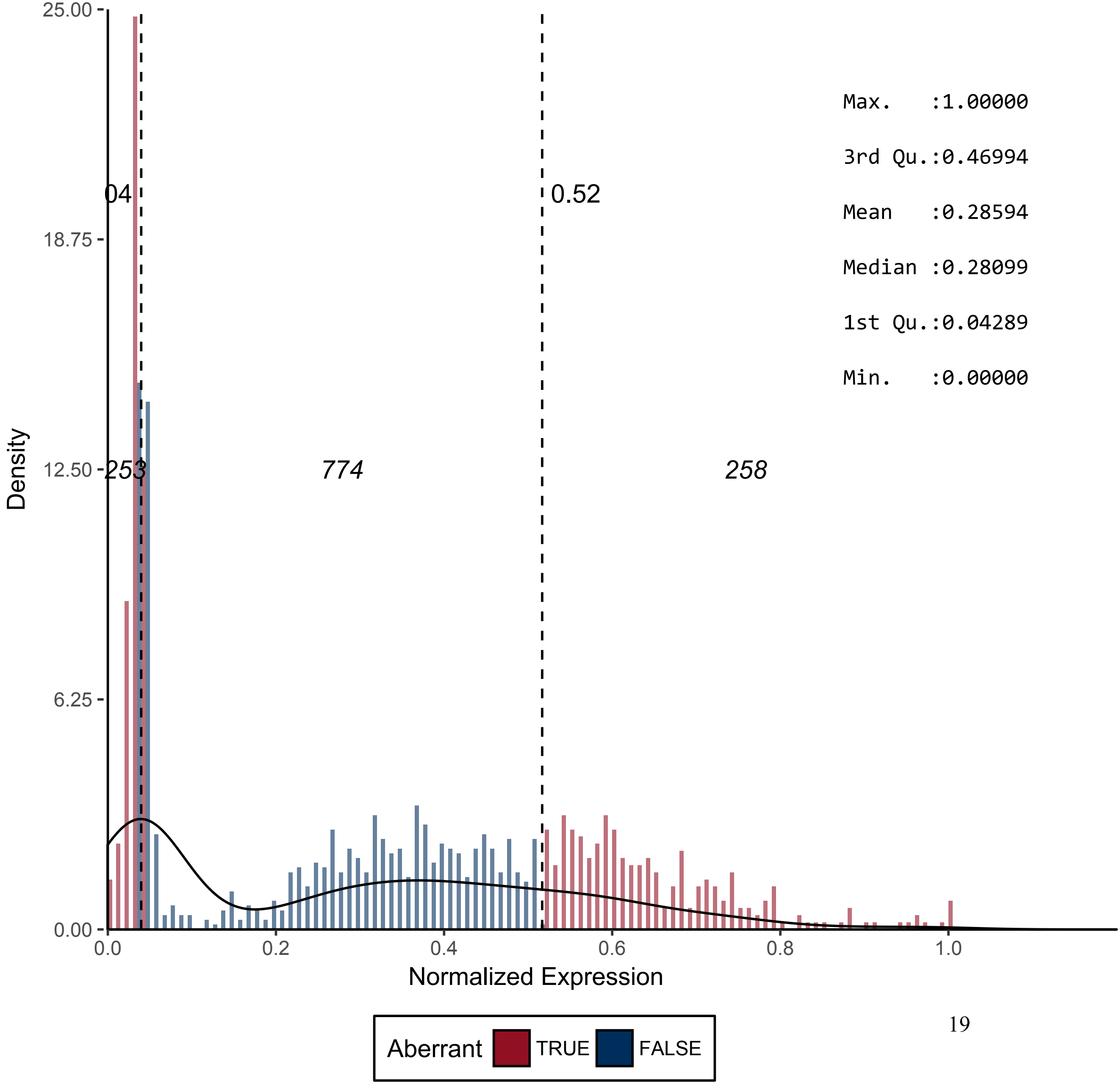


Figure 1 - CD1A
12
9
6
3
0
Density
0.27
0.58
254
774
258
Max. :1.0000
3rd Qu.:0.5418
Mean :0.4306
Median :0.4131
1st Qu.:0.2877
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 2 - CD1B



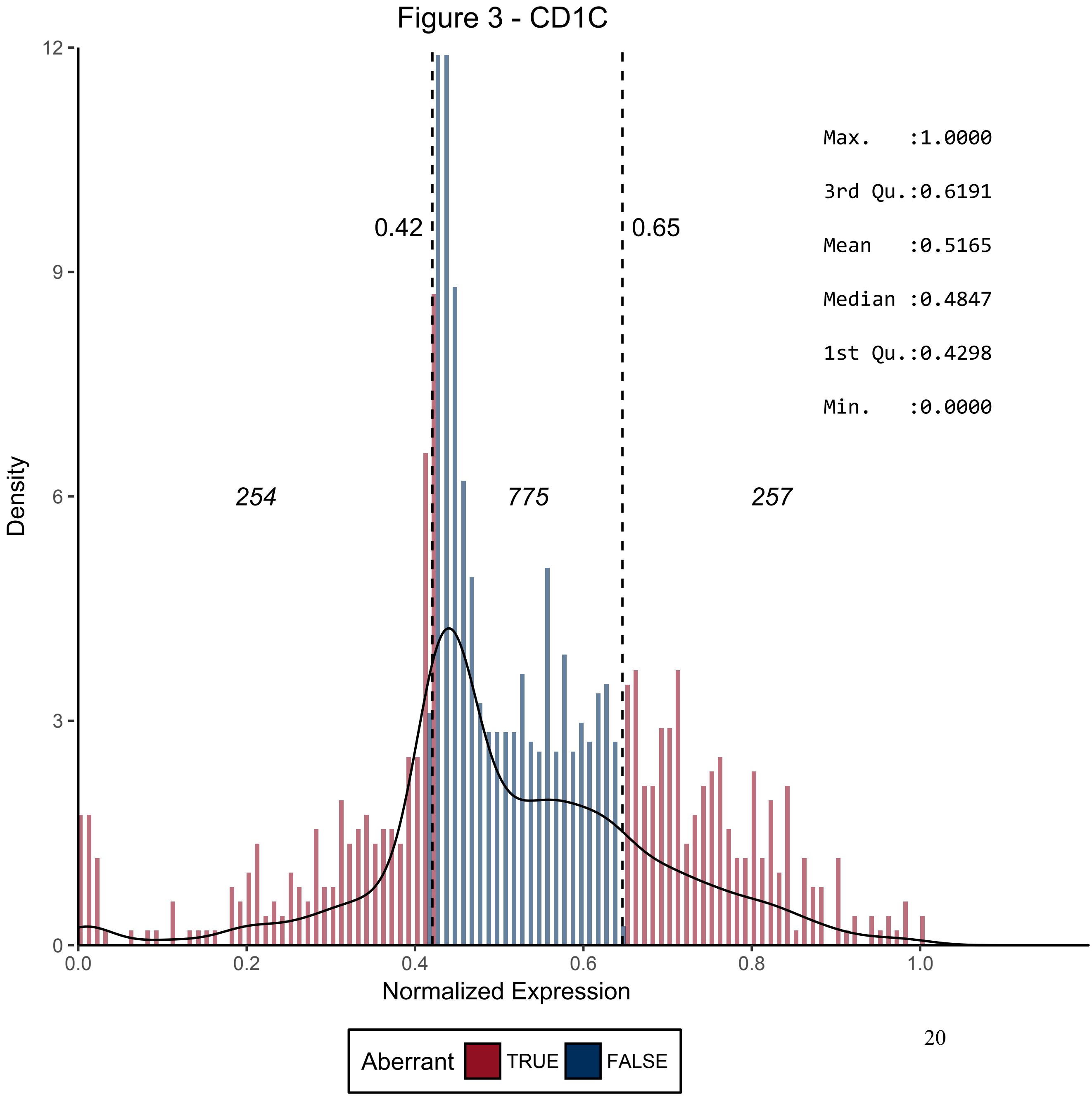


Figure 3 - CD1C
Max. :1.0000
3rd Qu.:0.6191
Mean :0.5165
Median :0.4847
1st Qu.:0.4298
Min. :0.0000
0.42
0.65
254
775
257
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
3
6
9
12
Aberrant
TRUE
FALSE

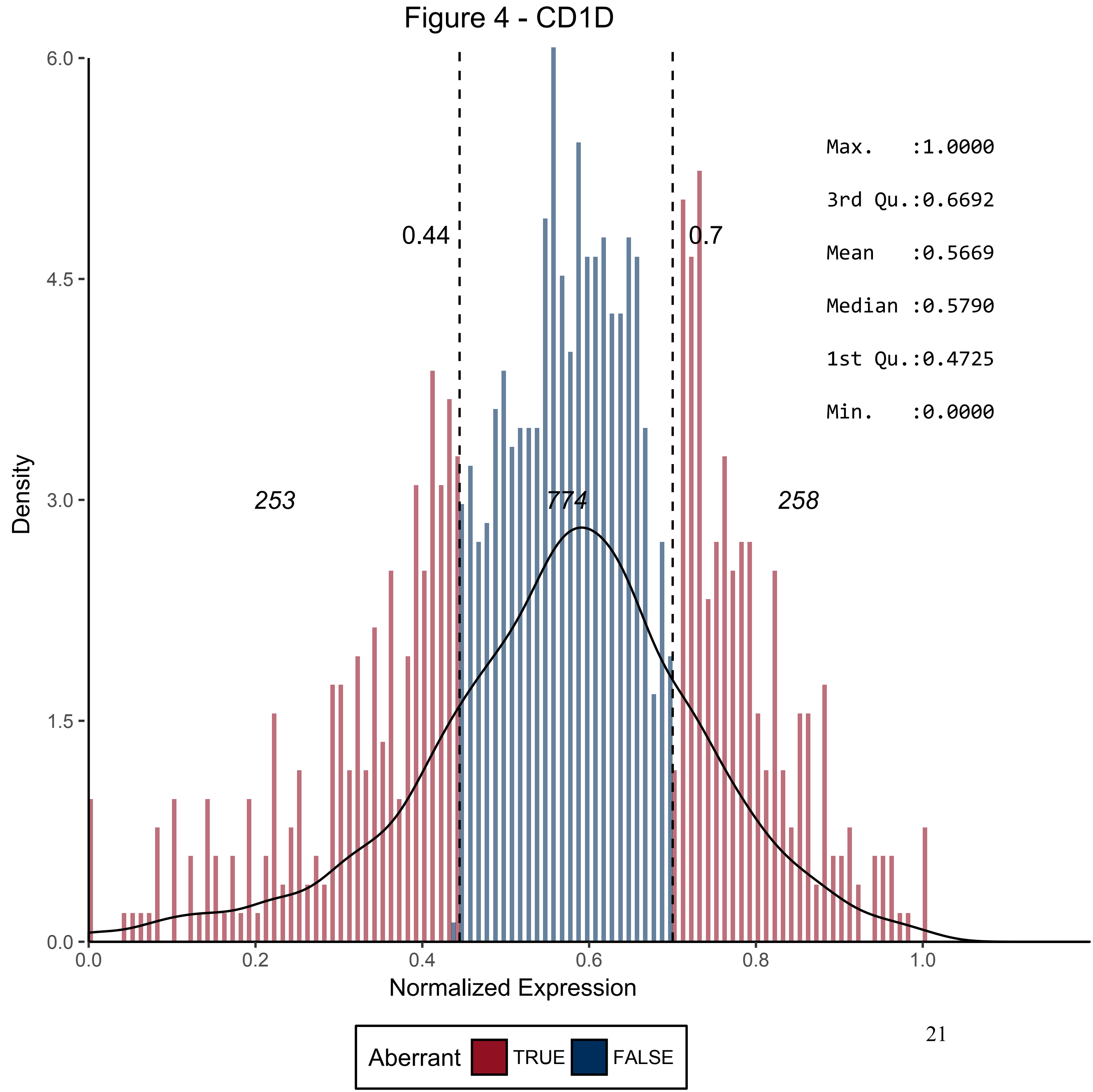
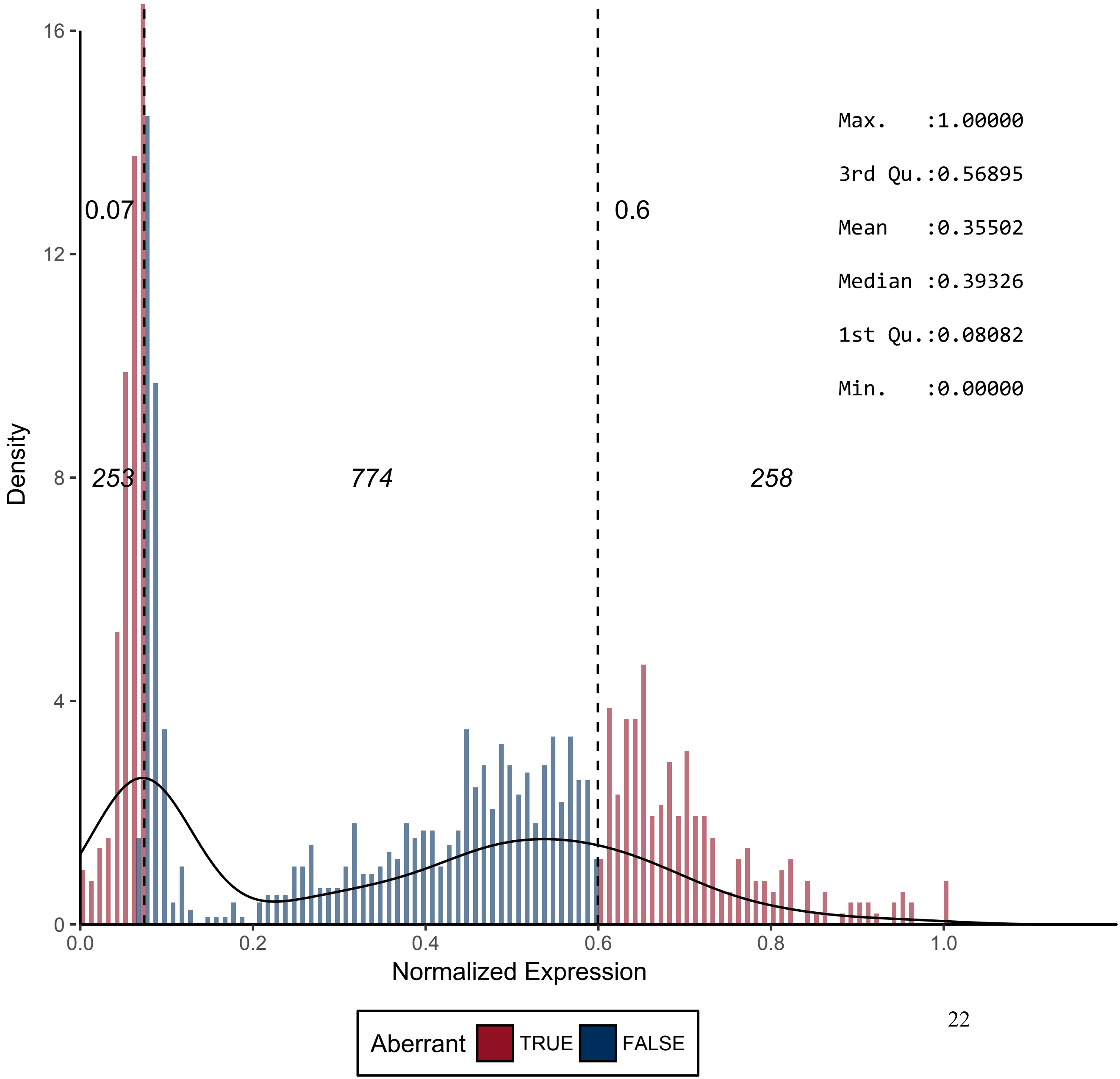


Figure 4 - CD1D
6.0
4.5
3.0
1.5
0.0
Density
0.44
0.7
253
774
258
Max. :1.0000
3rd Qu.:0.6692
Mean :0.5669
Median :0.5790
1st Qu.:0.4725
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 5 - CD1E



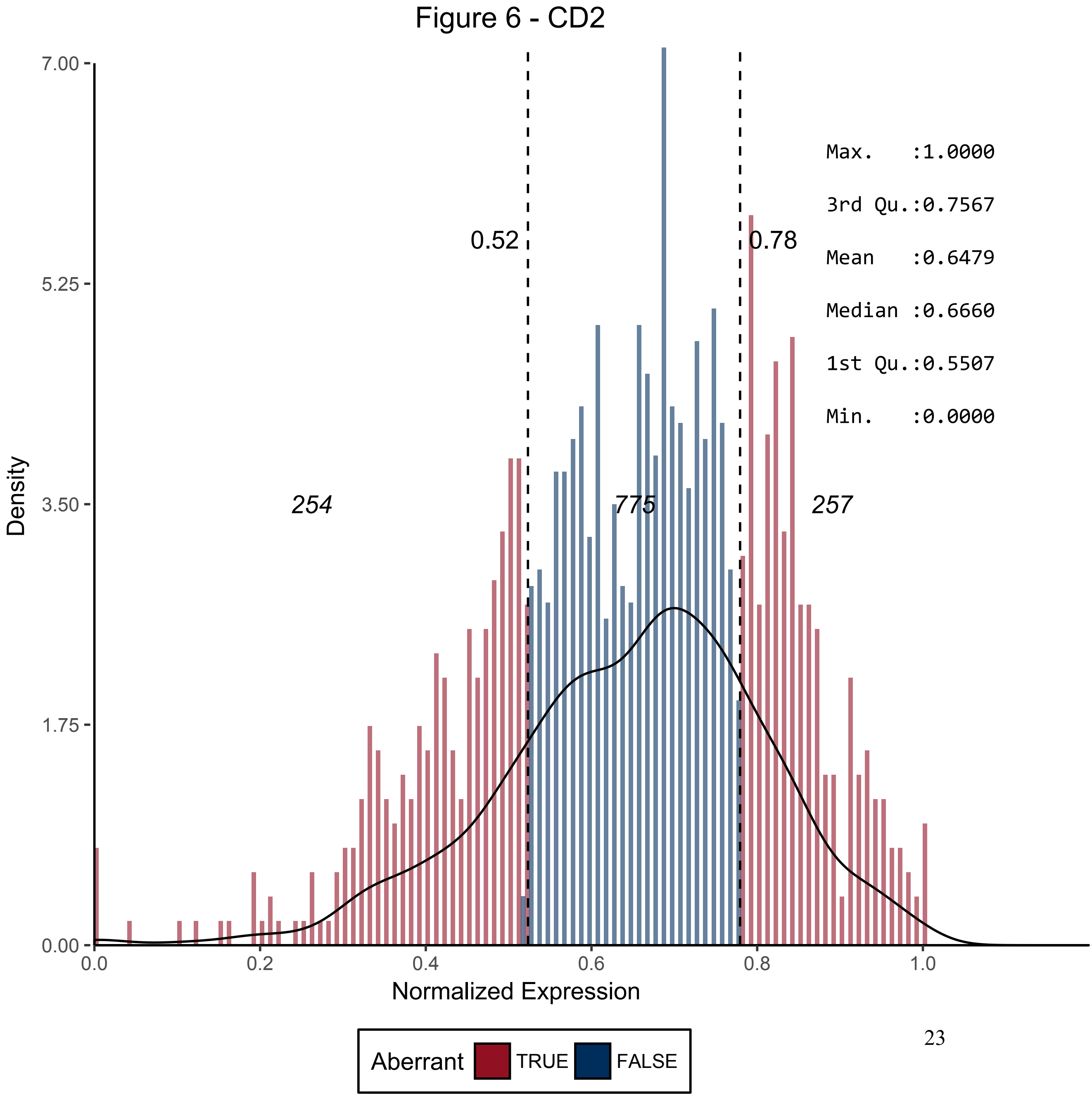


Figure 6 - CD2
Max. :1.0000
3rd Qu.:0.7567
Mean :0.6479
Median :0.6660
1st Qu.:0.5507
Min. :0.0000
0.52
0.78
254
775
257
Density
Normalized Expression
Aberrant
TRUE
FALSE

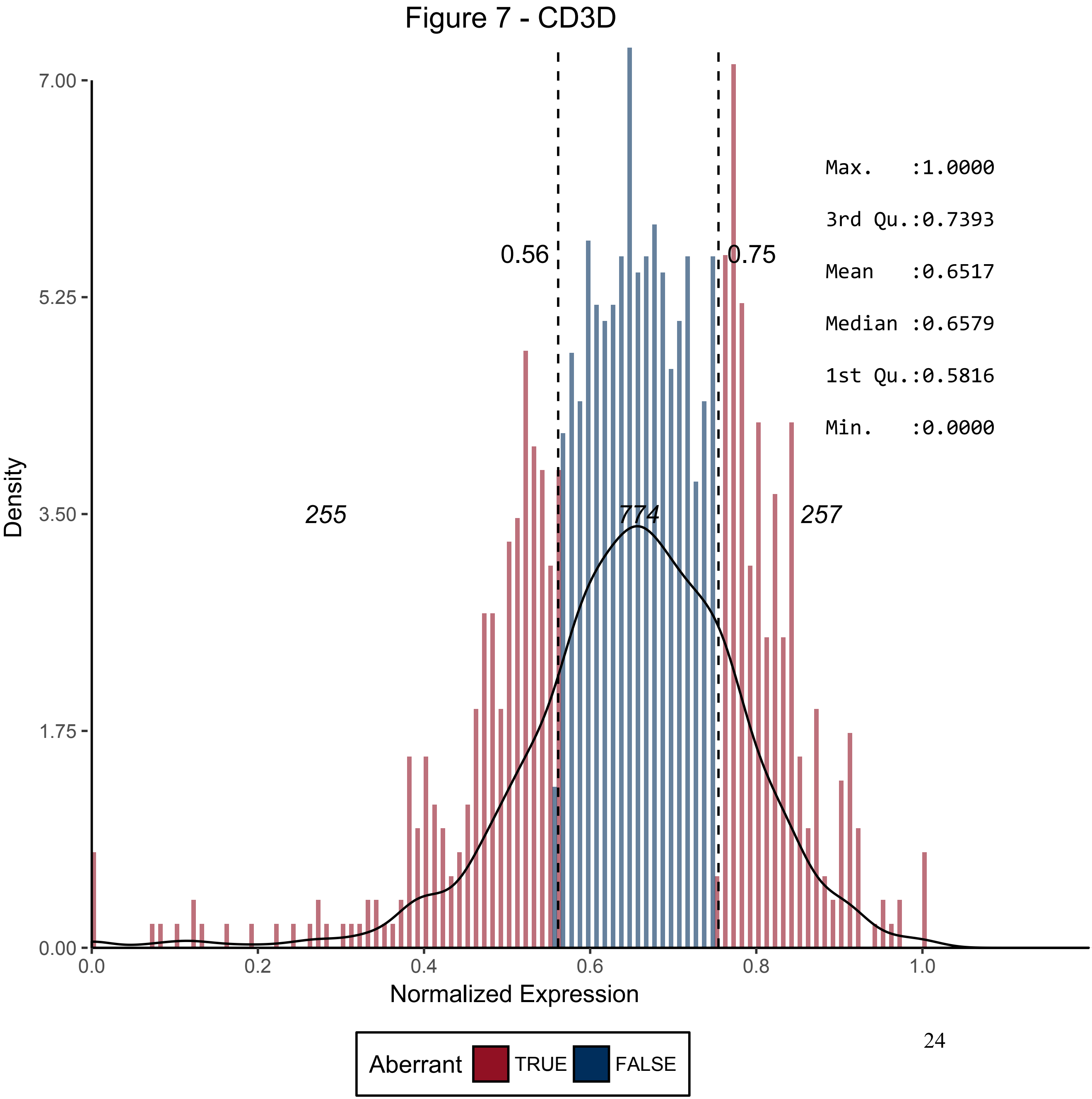


Figure 7 - CD3D
Density
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.56
0.75
255
774
257
Max. :1.0000
3rd Qu.:0.7393
Mean :0.6517
Median :0.6579
1st Qu.:0.5816
Min. :0.0000
Aberrant
TRUE
FALSE

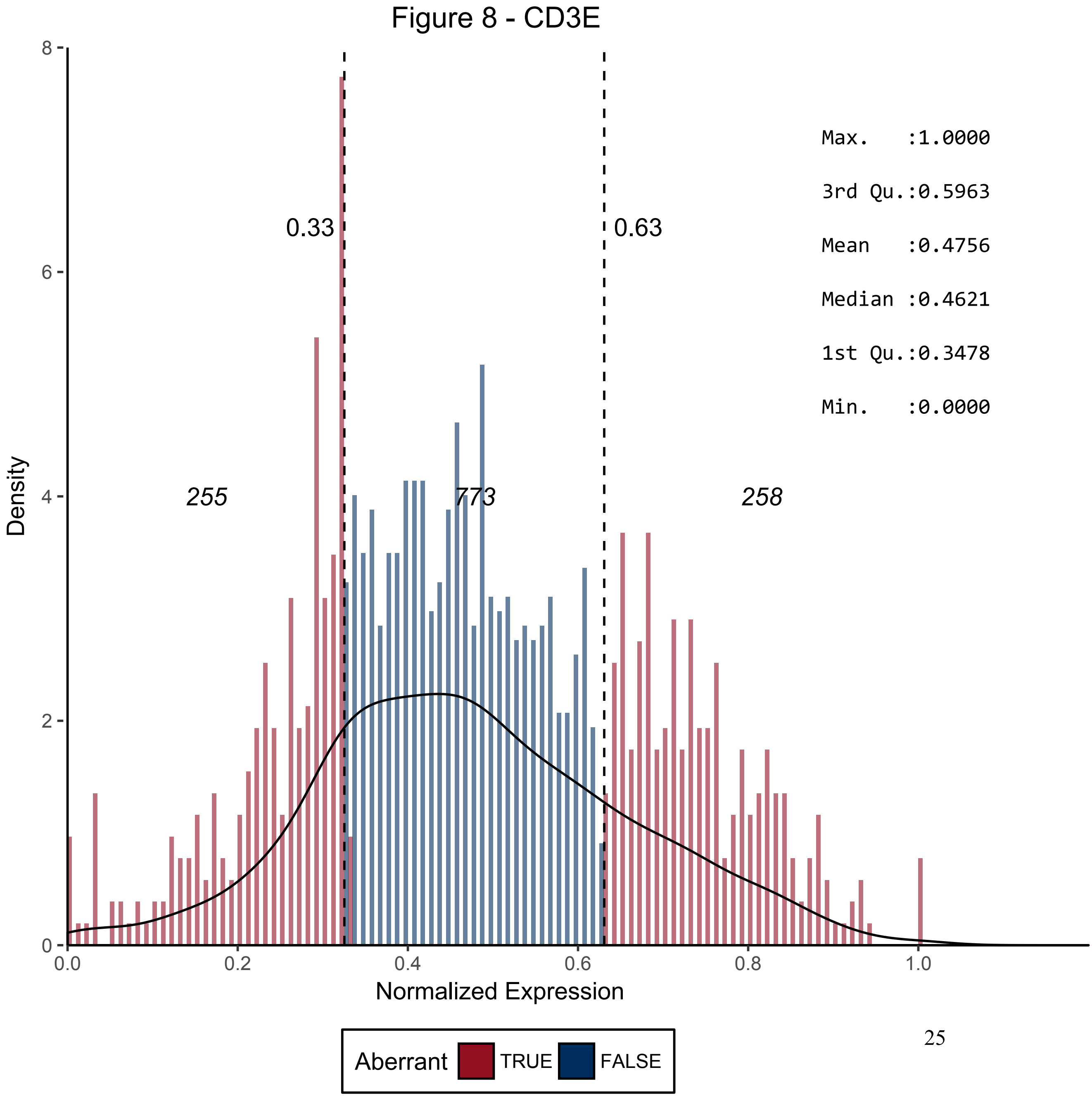
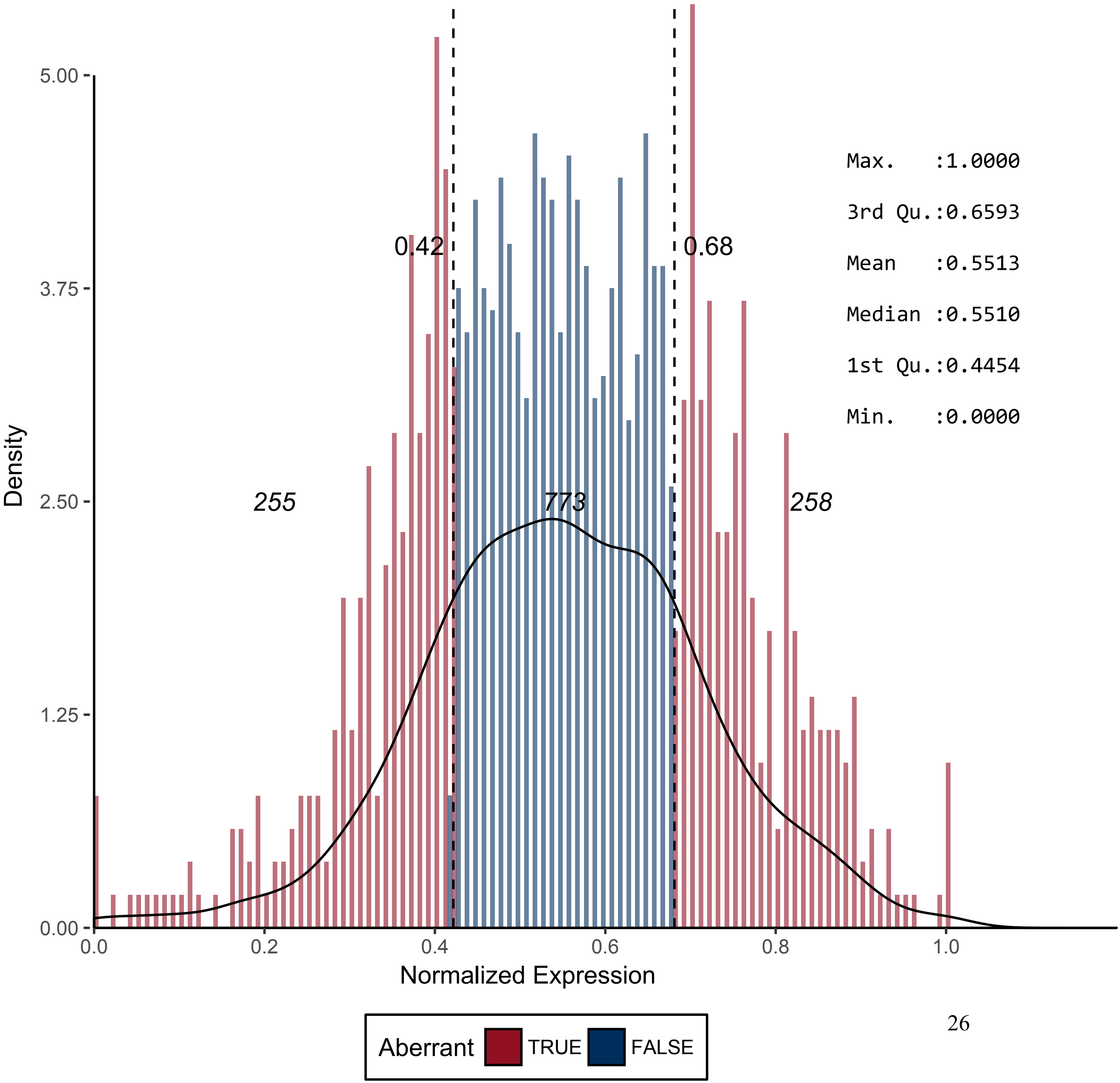


Figure 8 - CD3E
Density
Normalized Expression
0.33
0.63
255
773
258
Max.   :1.0000
3rd Qu.:0.5963
Mean   :0.4756
Median :0.4621
1st Qu.:0.3478
Min.   :0.0000
0
2
4
6
8
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 9 - CD3G



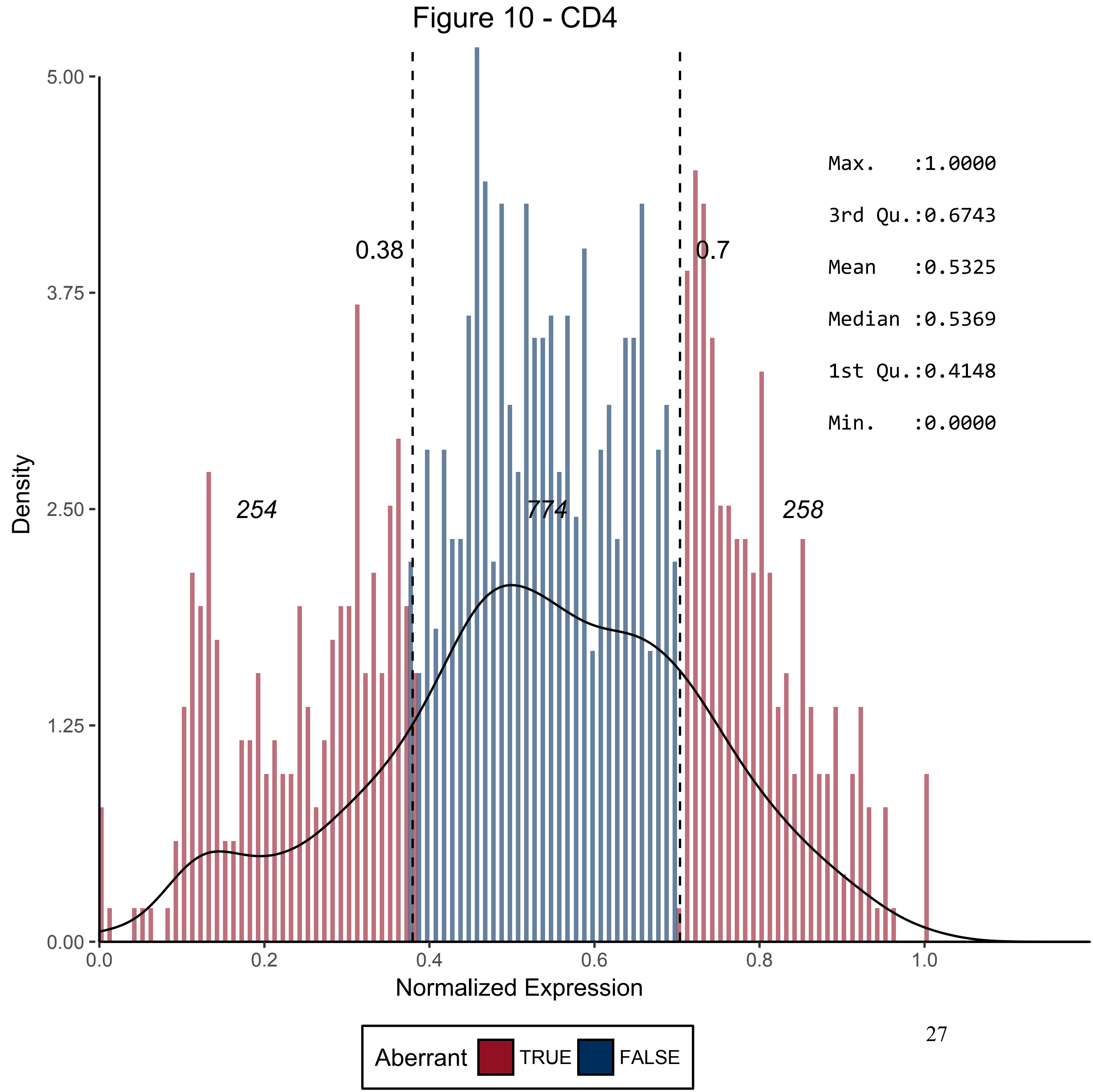


Figure 10 - CD4
Max. :1.0000
3rd Qu.:0.6743
Mean :0.5325
Median :0.5369
1st Qu.:0.4148
Min. :0.0000
0.38
0.7
254
774
258
Density
Normalized Expression
Aberrant TRUE FALSE

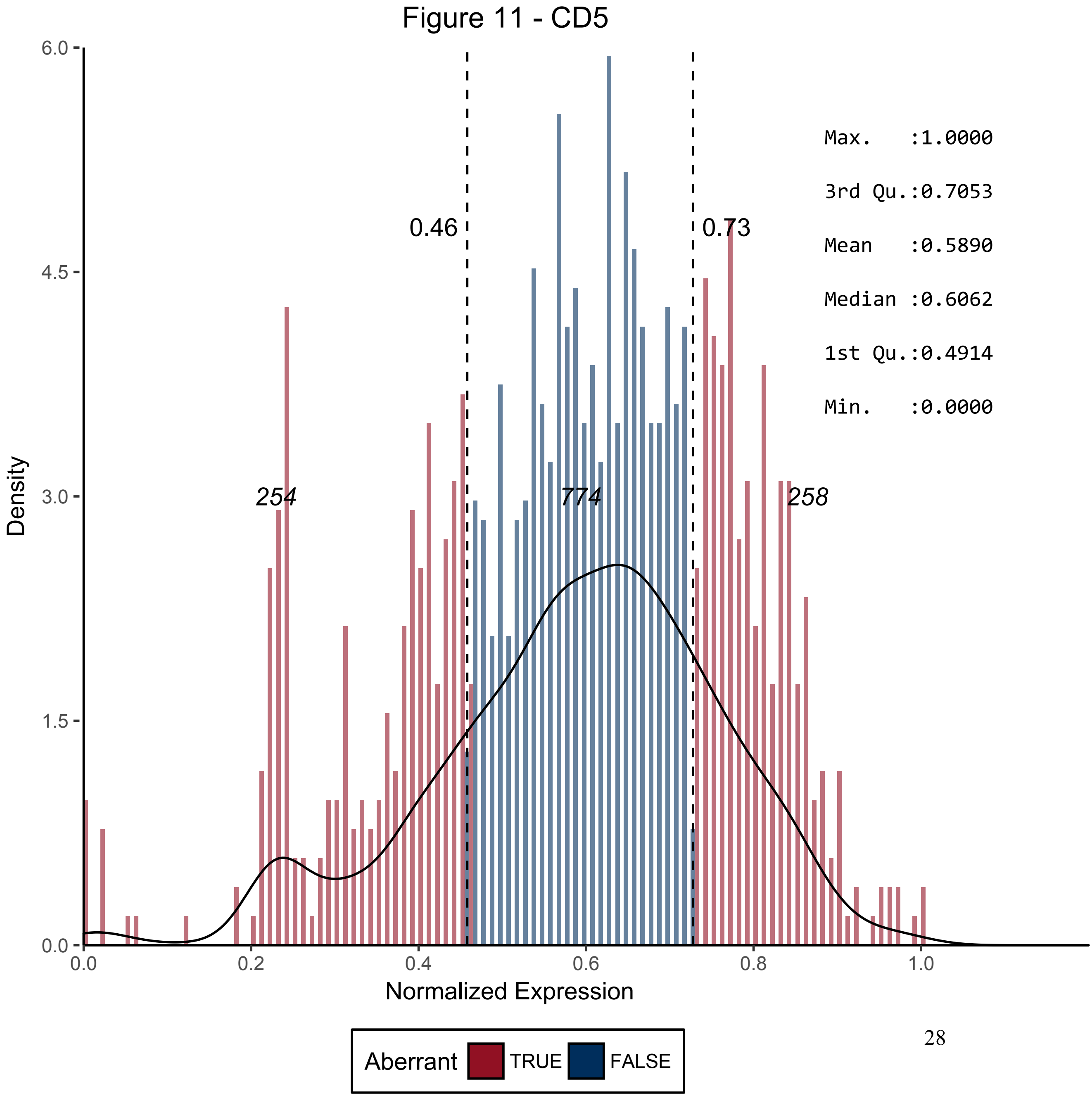


Figure 11 - CD5
6.0
4.5
3.0
1.5
0.0
Density
0.46
0.73
254
774
258
Max. :1.0000
3rd Qu.:0.7053
Mean :0.5890
Median :0.6062
1st Qu.:0.4914
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

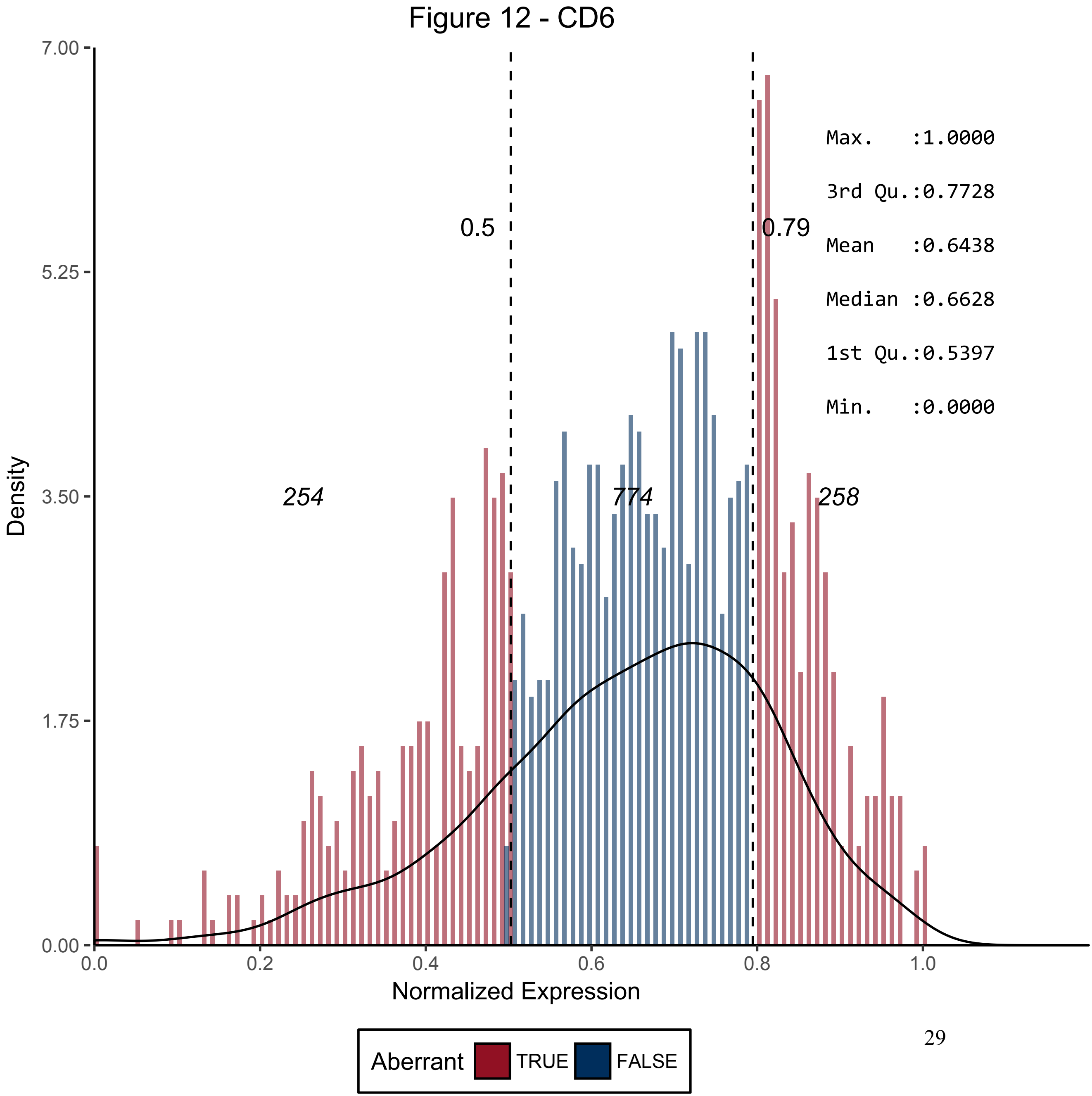


Figure 12 - CD6
Max. :1.0000
3rd Qu.:0.7728
Mean :0.6438
Median :0.6628
1st Qu.:0.5397
Min. :0.0000
0.5
0.79
254
774
258
7.00
5.25
3.50
1.75
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

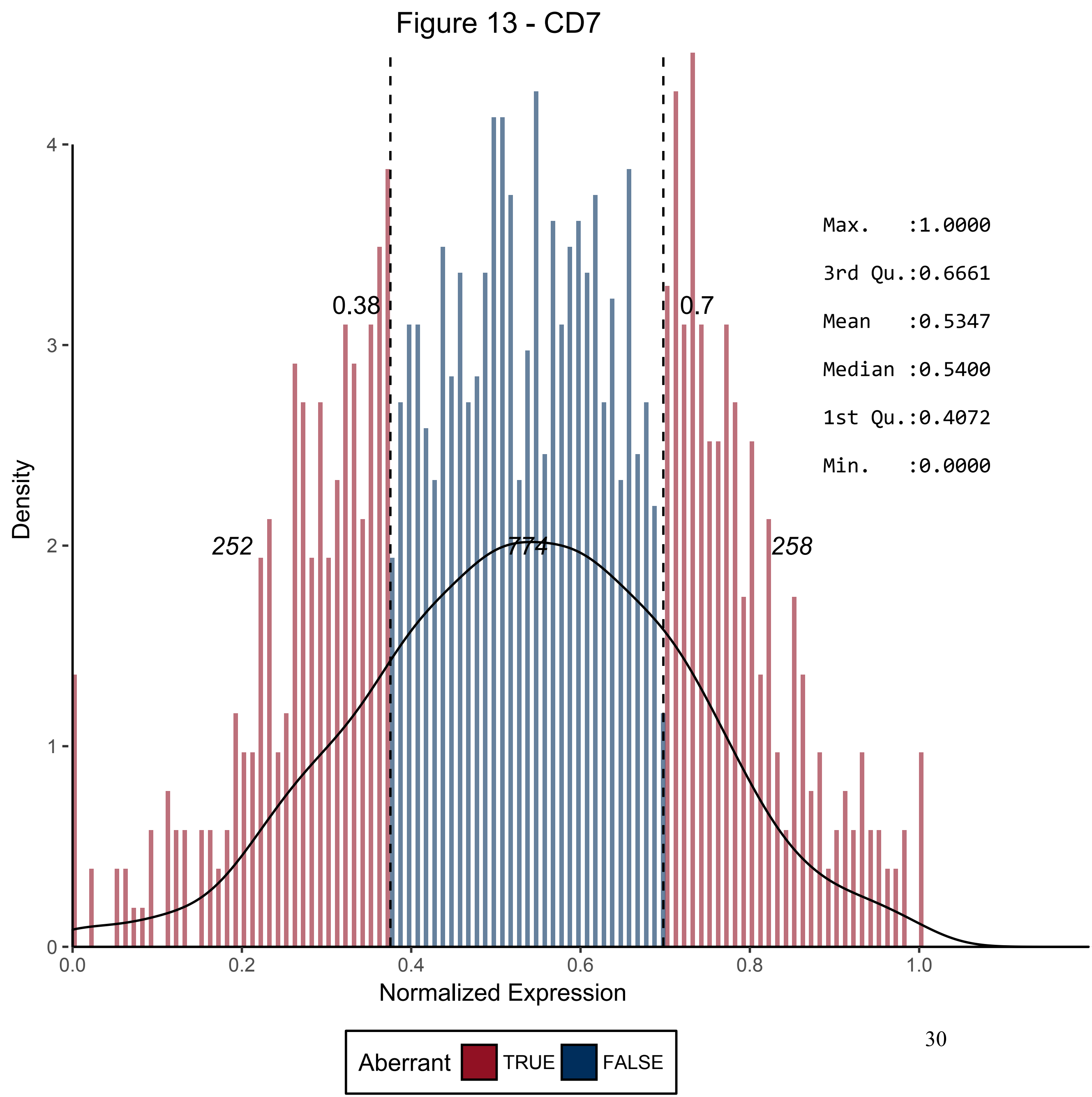


Figure 13 - CD7
Max. :1.0000
3rd Qu.:0.6661
Mean :0.5347
Median :0.5400
1st Qu.:0.4072
Min. :0.0000
0.38
0.7
252
774
258
Density
0
1
2
3
4
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

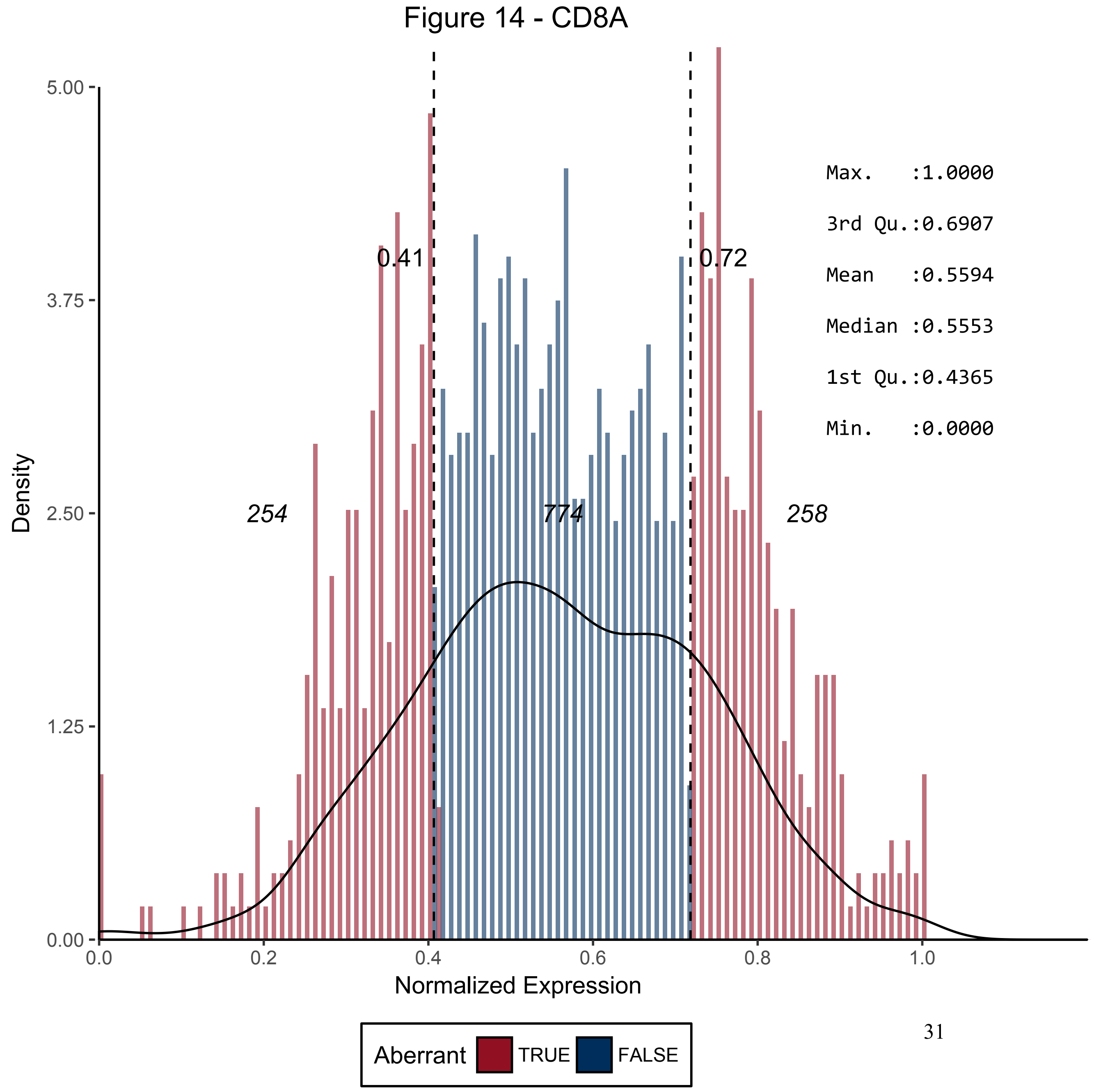


Figure 14 - CD8A
Max.   :1.0000
3rd Qu.:0.6907
Mean   :0.5594
Median :0.5553
1st Qu.:0.4365
Min.   :0.0000
0.41
0.72
254
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

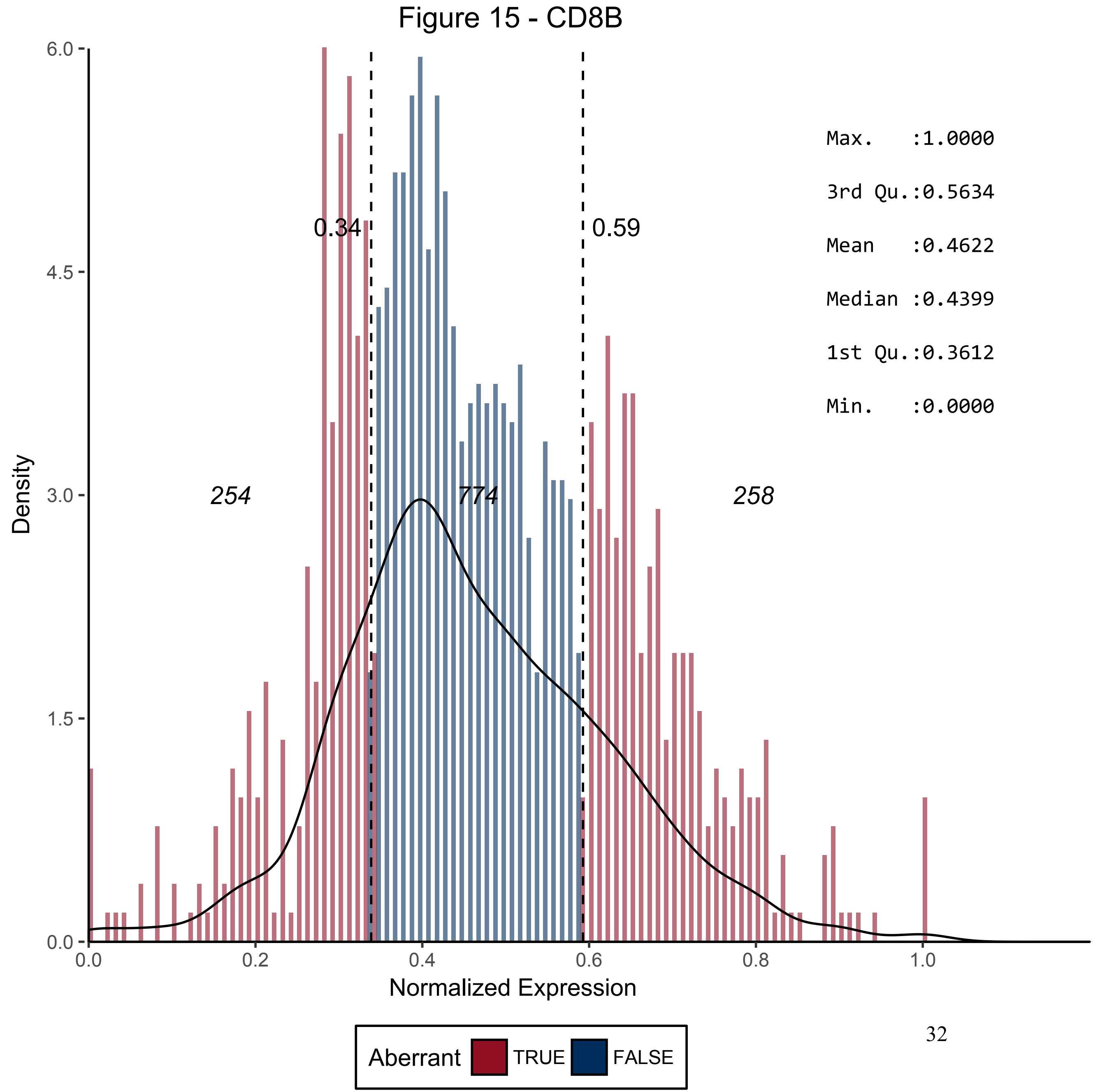


Figure 15 - CD8B
Max. :1.0000
3rd Qu.:0.5634
Mean :0.4622
Median :0.4399
1st Qu.:0.3612
Min. :0.0000
0.34
0.59
254
774
258
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

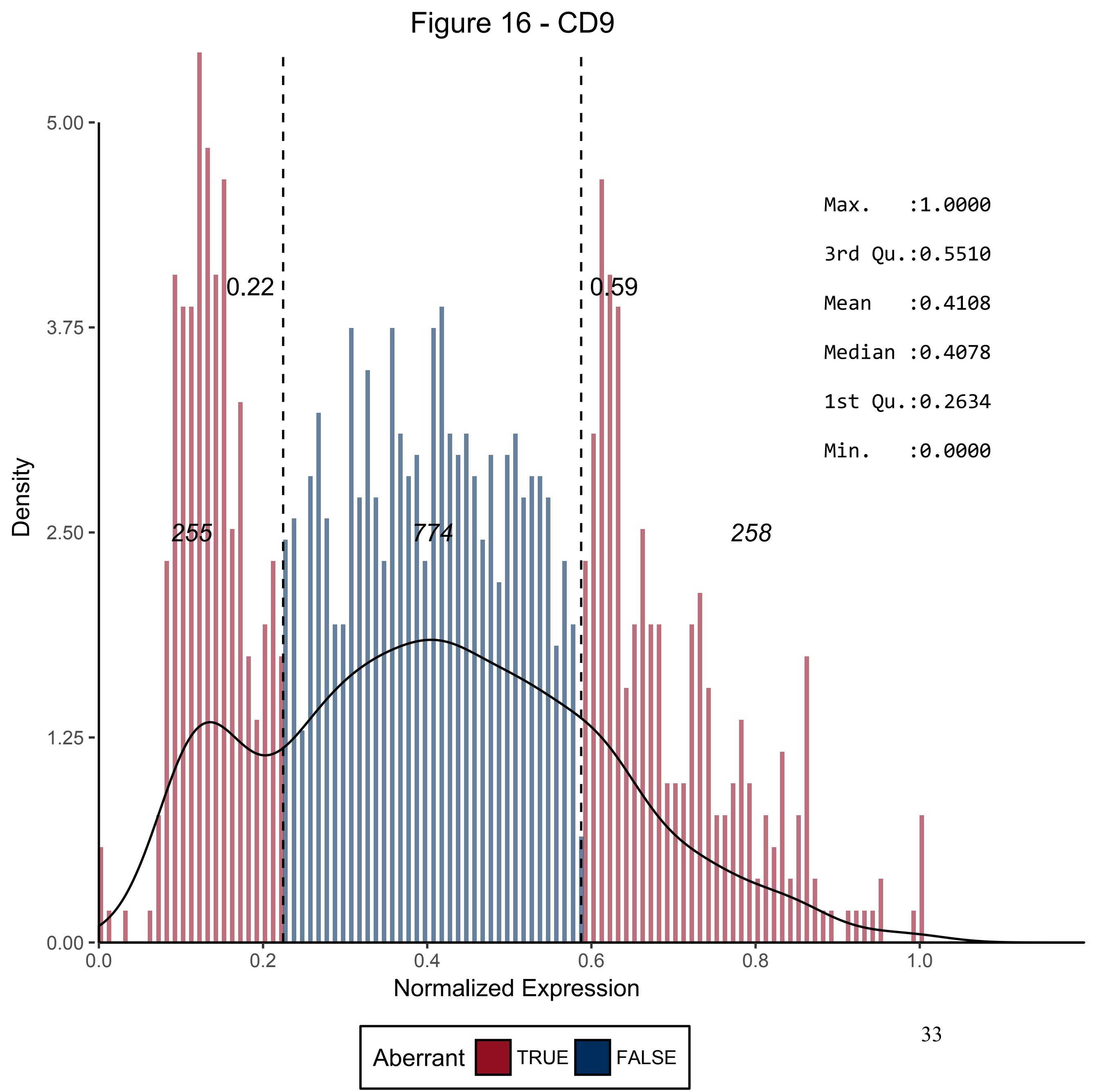
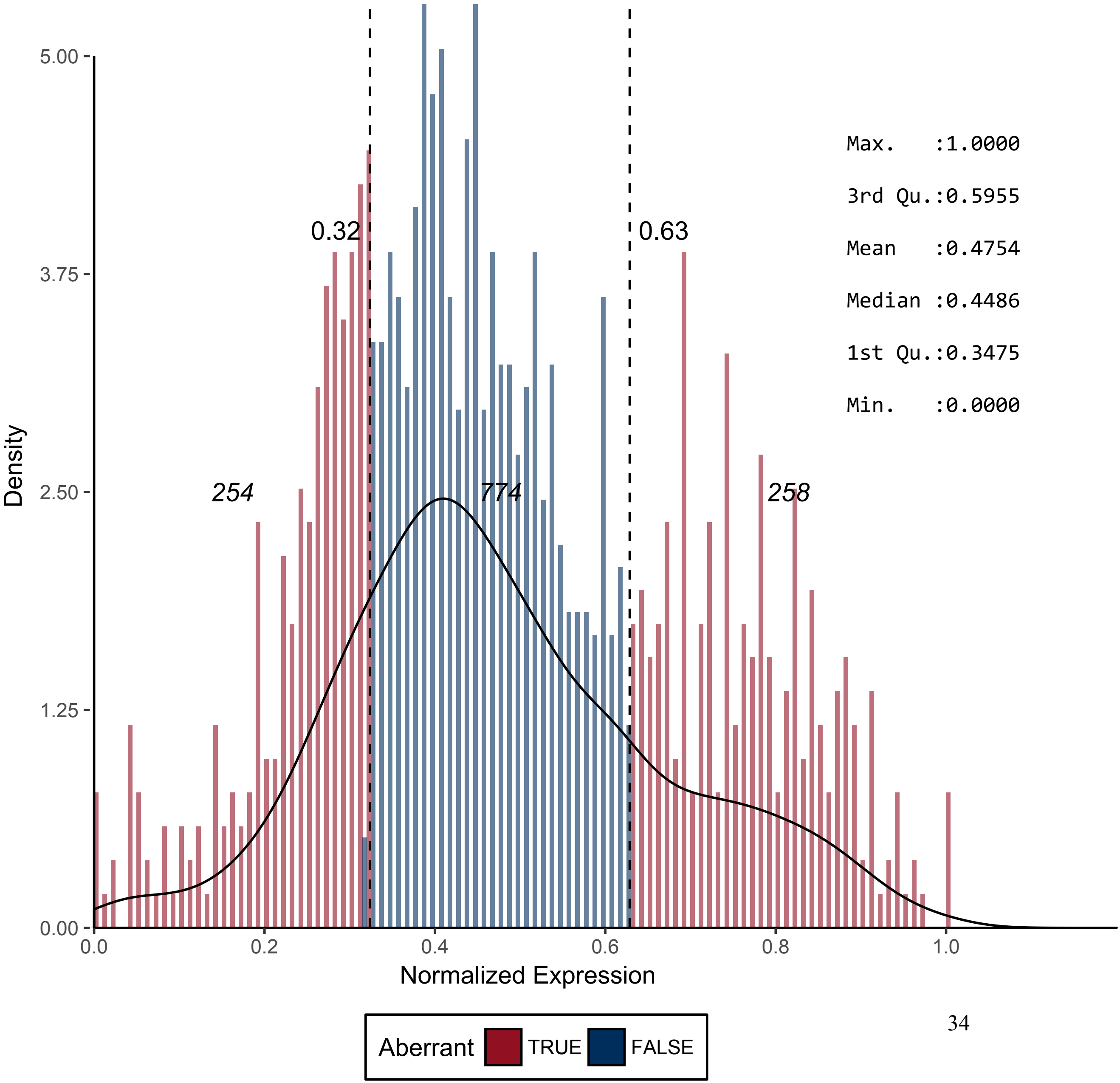


Figure 16 - CD9
Max.   :1.0000
3rd Qu.:0.5510
Mean   :0.4108
Median :0.4078
1st Qu.:0.2634
Min.   :0.0000
0.22
0.59
255
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 17 - CD10



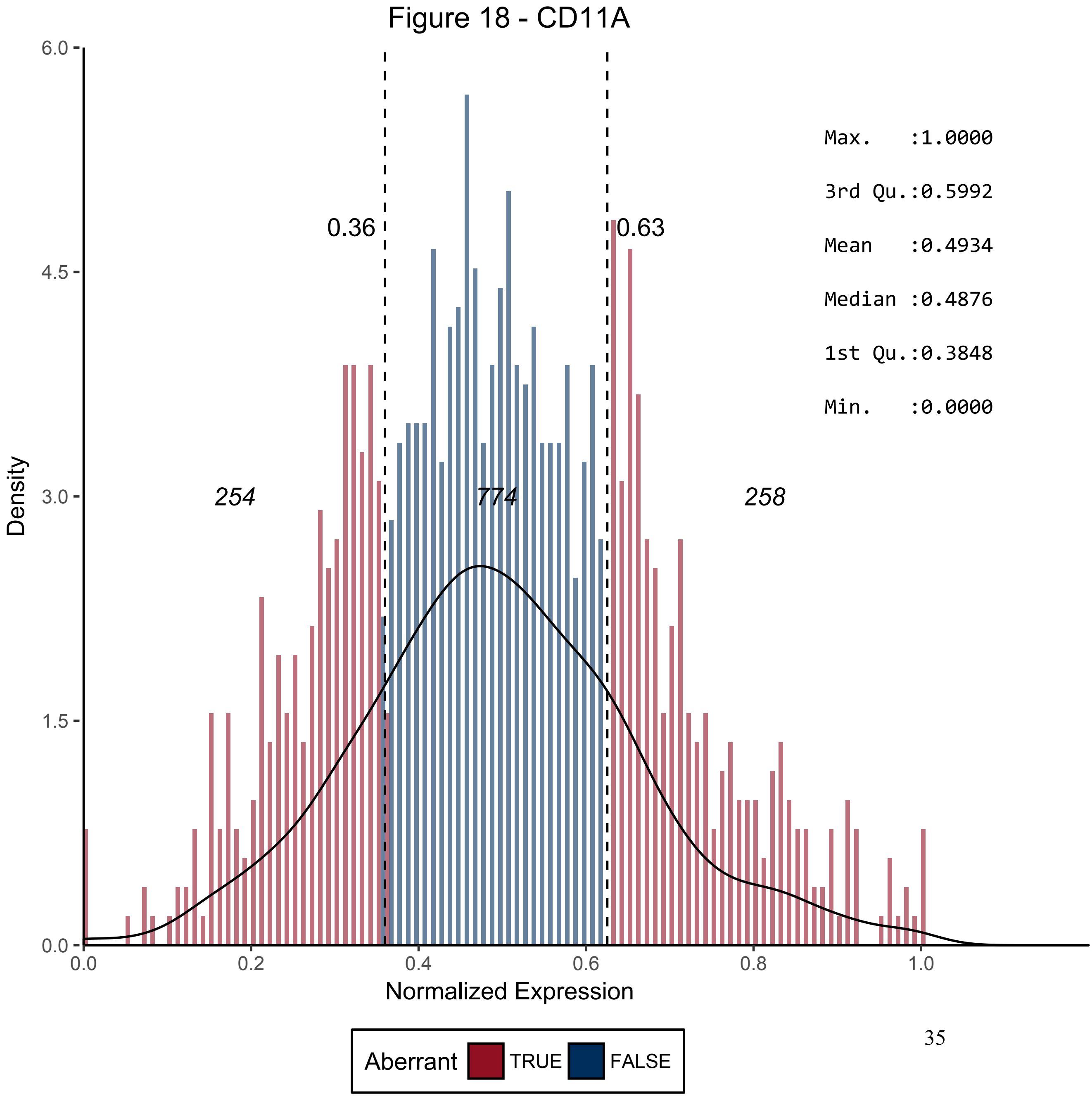


Figure 18 - CD11A
Max. :1.0000
3rd Qu.:0.5992
Mean :0.4934
Median :0.4876
1st Qu.:0.3848
Min. :0.0000
0.36
0.63
254
774
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

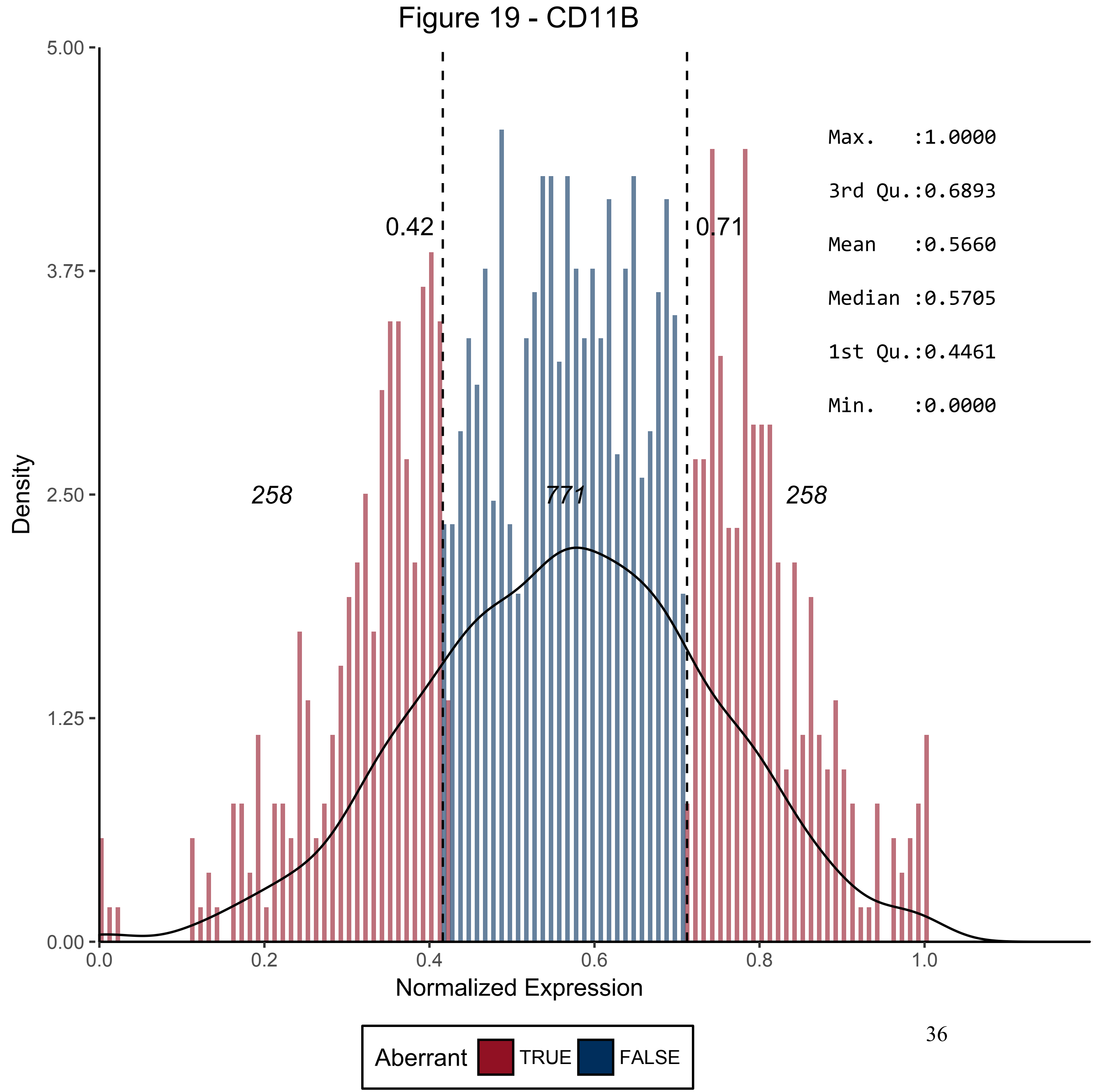


Figure 19 - CD11B
Max. :1.0000
3rd Qu.:0.6893
Mean :0.5660
Median :0.5705
1st Qu.:0.4461
Min. :0.0000
0.42
0.71
258
771
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

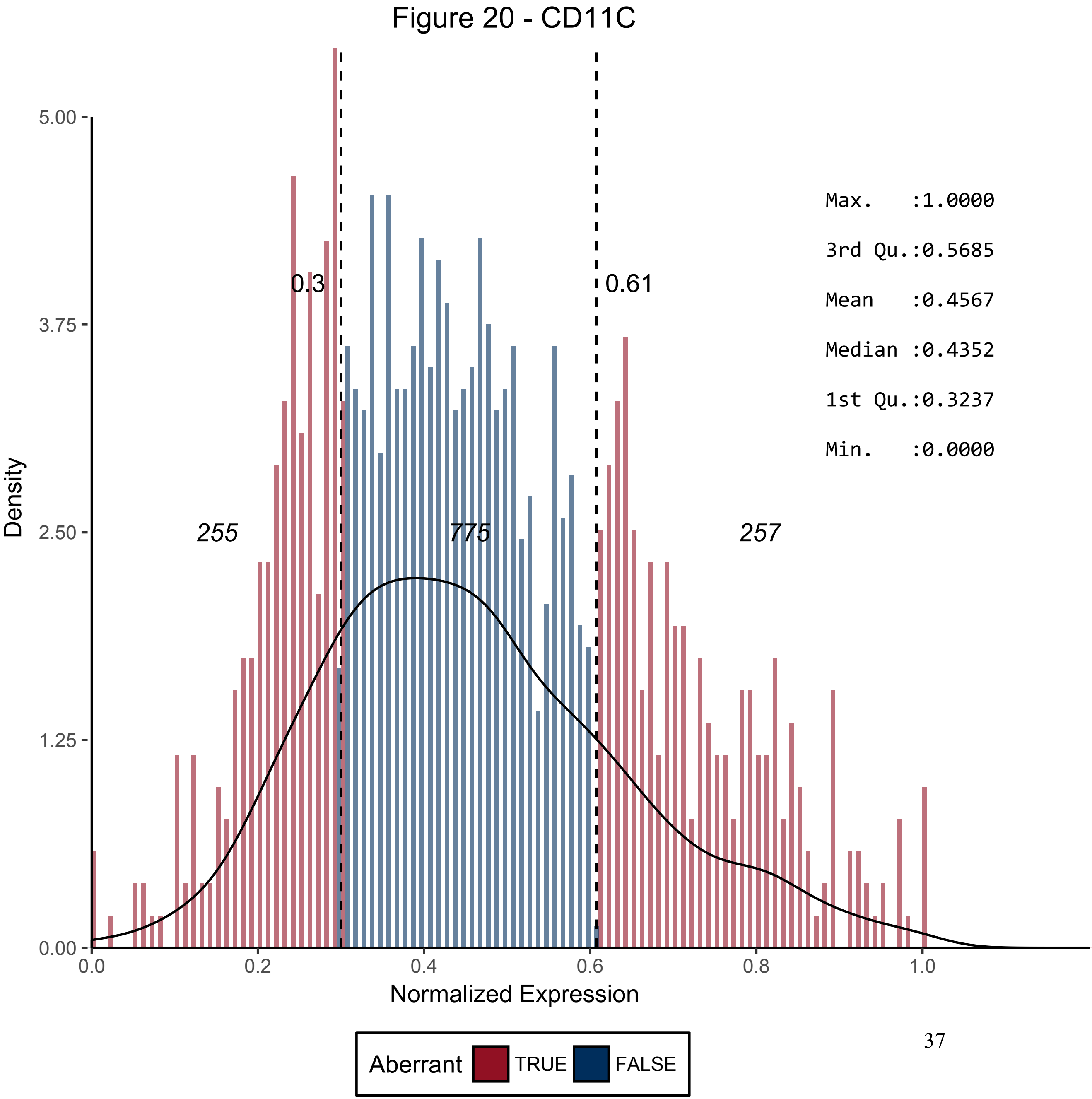


Figure 20 - CD11C
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
0.3
0.61
255
775
257
Max.   :1.0000
3rd Qu.:0.5685
Mean   :0.4567
Median :0.4352
1st Qu.:0.3237
Min.   :0.0000
Aberrant
TRUE
FALSE

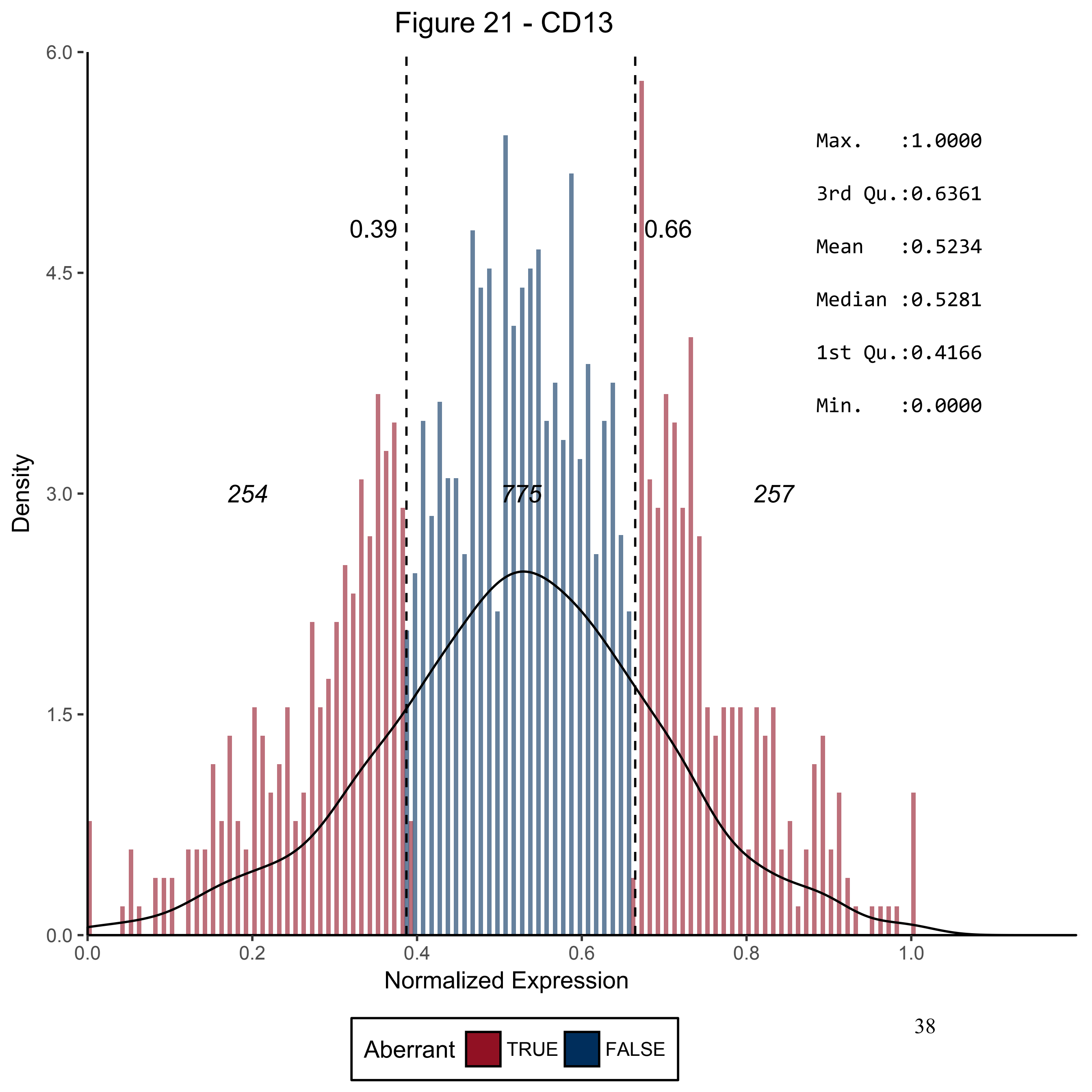


Figure 21 - CD13
Max. :1.0000
3rd Qu.:0.6361
Mean :0.5234
Median :0.5281
1st Qu.:0.4166
Min. :0.0000
0.39
0.66
254
775
257
Density
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

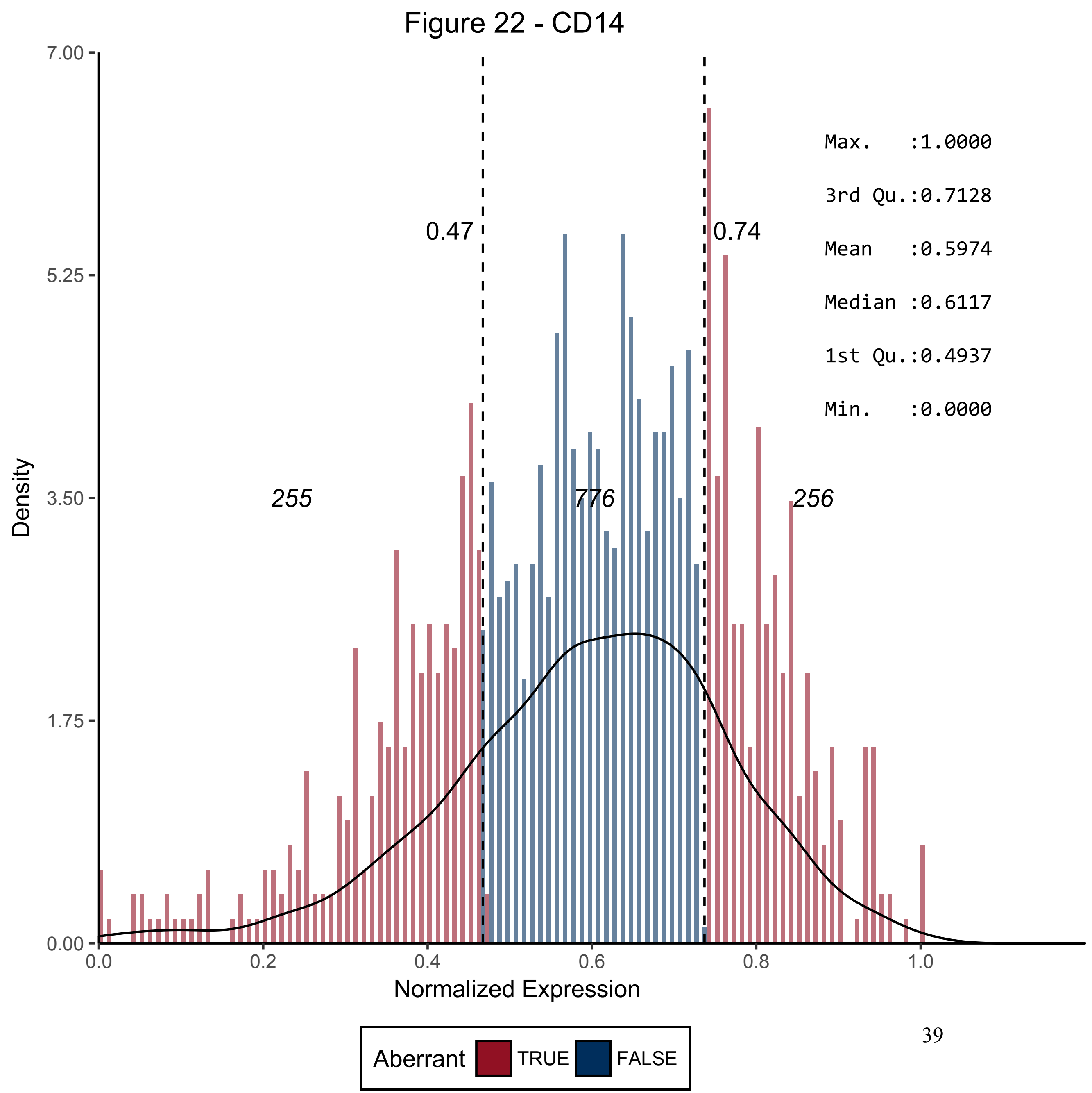


Figure 22 - CD14
7.00
5.25
3.50
1.75
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.47
0.74
255
776
256
Max. :1.0000
3rd Qu.:0.7128
Mean :0.5974
Median :0.6117
1st Qu.:0.4937
Min. :0.0000
Aberrant
TRUE
FALSE

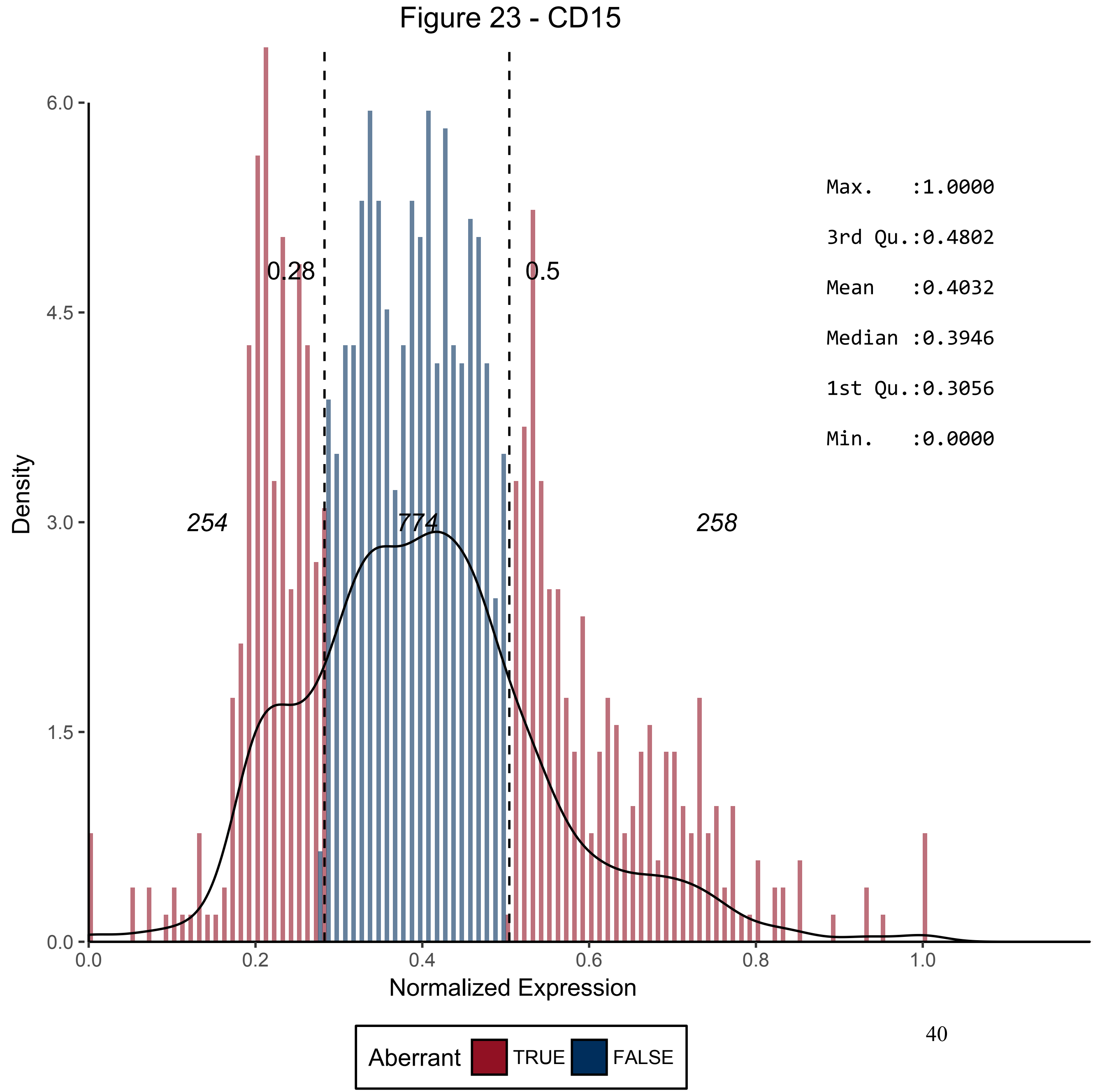
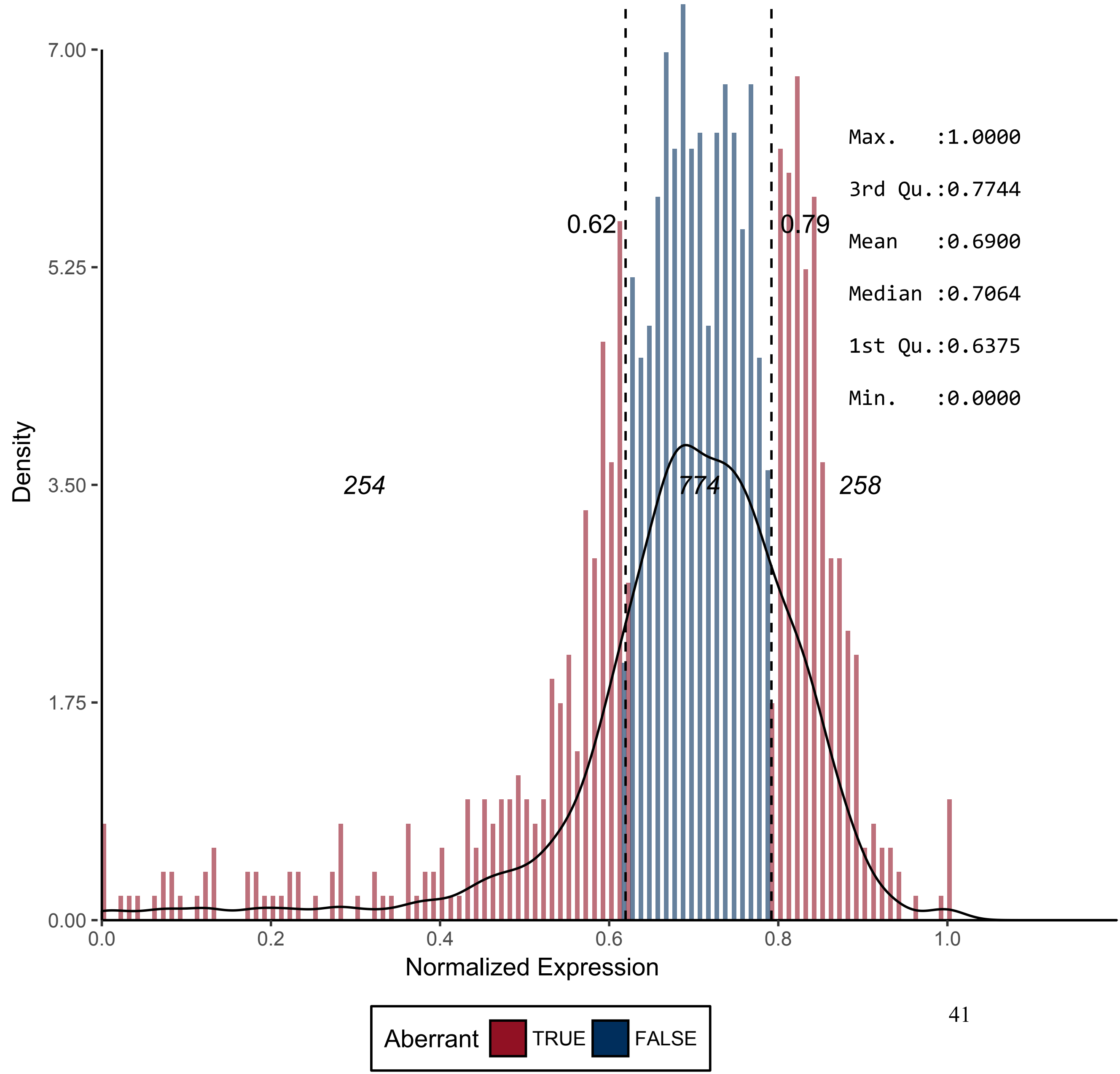


Figure 23 - CD15
0.28
0.5
254
774
258
Max. :1.0000
3rd Qu.:0.4802
Mean :0.4032
Median :0.3946
1st Qu.:0.3056
Min. :0.0000
Density
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 24 - CD16B



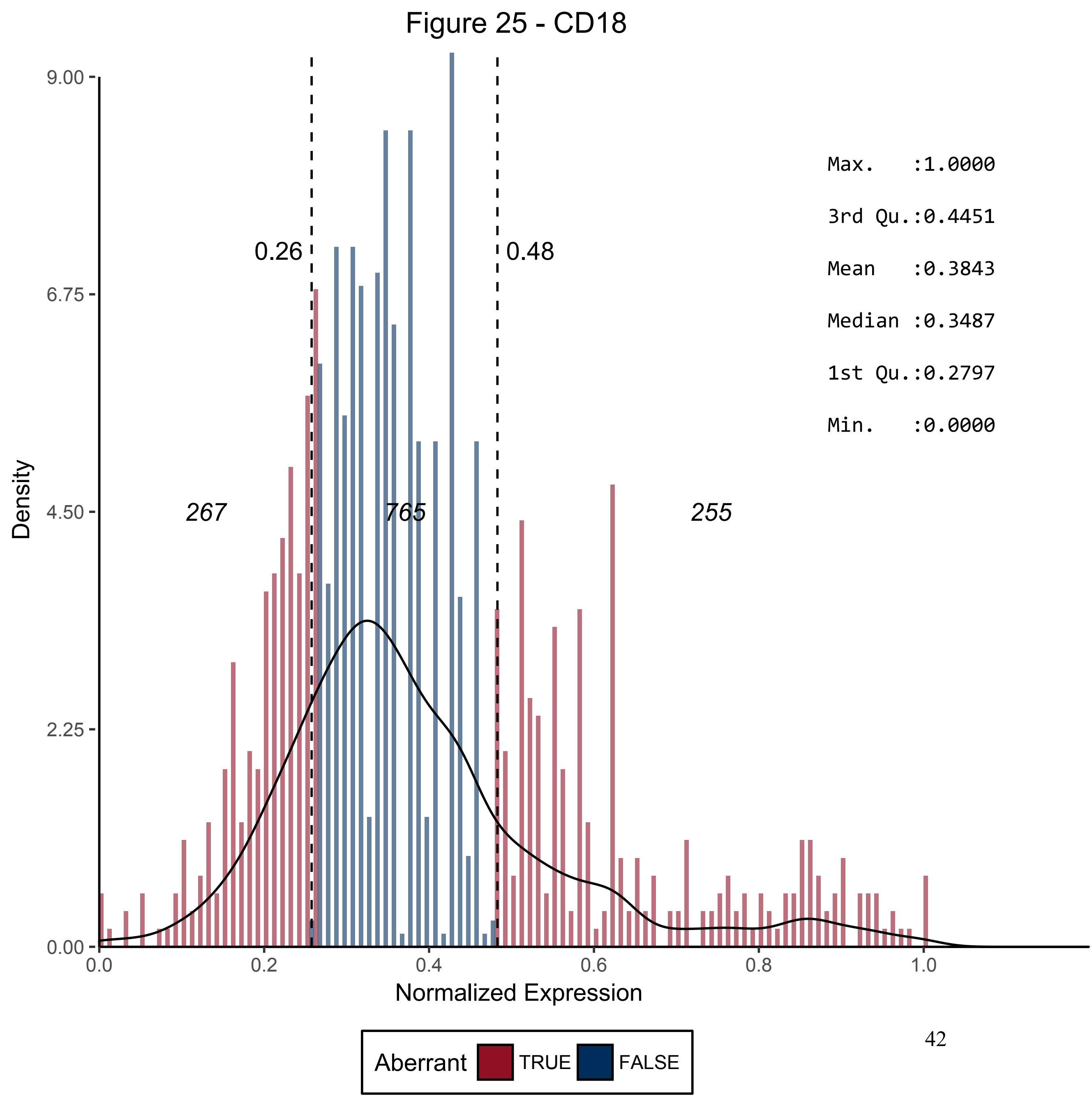


Figure 25 - CD18
Max. :1.0000
3rd Qu.:0.4451
Mean :0.3843
Median :0.3487
1st Qu.:0.2797
Min. :0.0000
0.26
0.48
267
765
255
Density
Normalized Expression
9.00
6.75
4.50
2.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

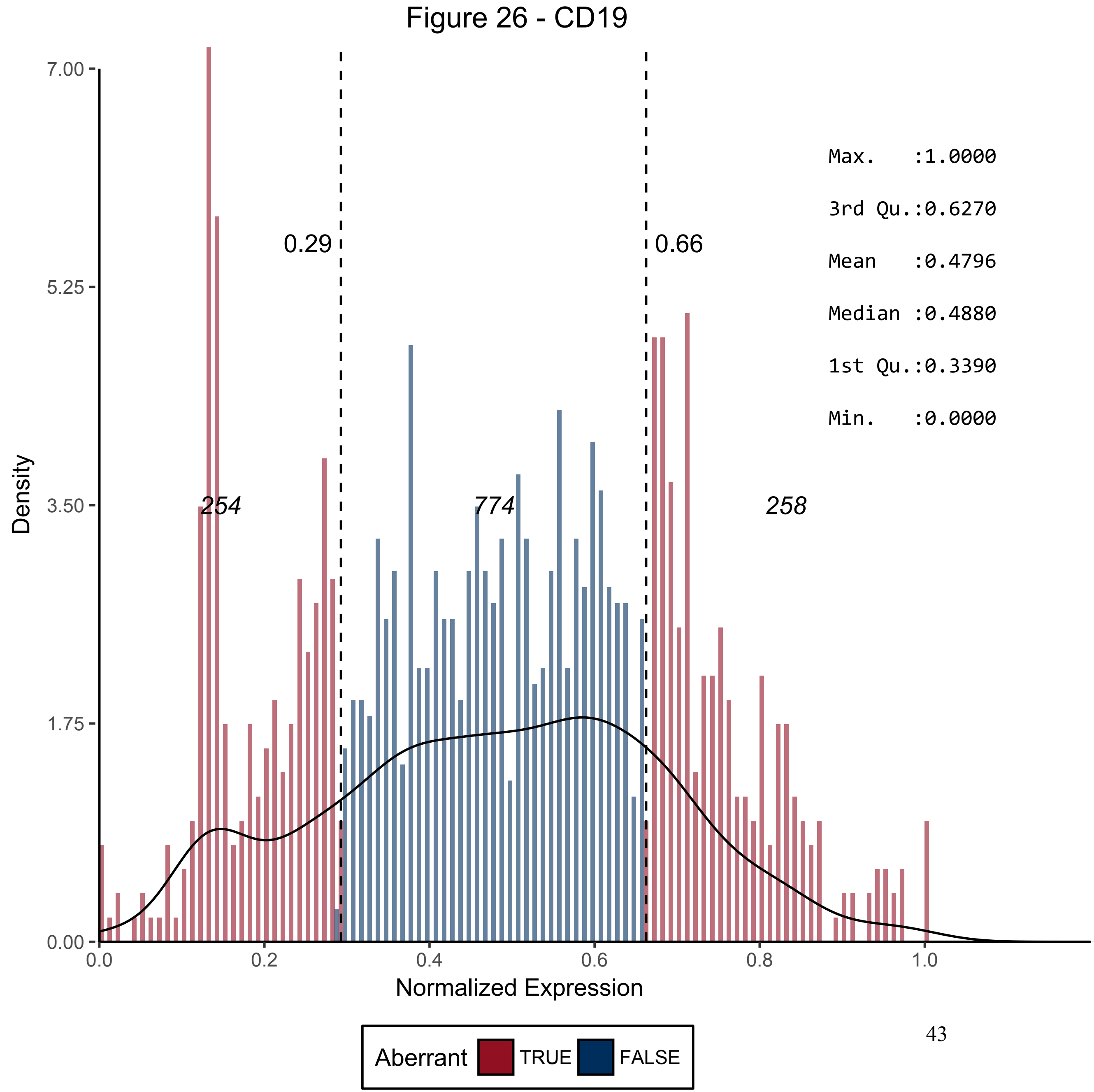


Figure 26 - CD19
Max. :1.0000
3rd Qu.:0.6270
Mean :0.4796
Median :0.4880
1st Qu.:0.3390
Min. :0.0000
0.29
0.66
254
774
258
Density
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

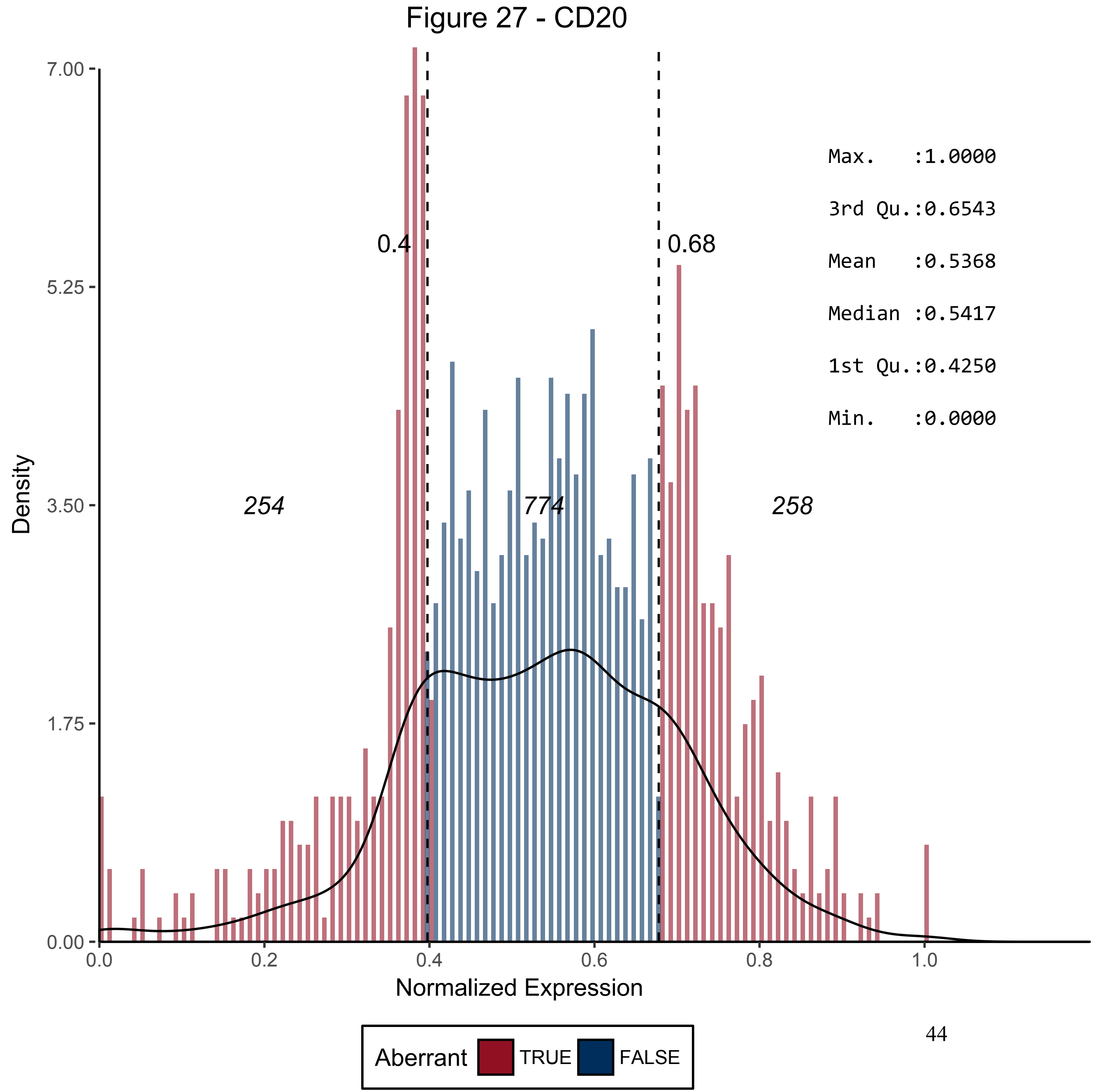


Figure 27 - CD20
Max.   :1.0000
3rd Qu.:0.6543
Mean   :0.5368
Median :0.5417
1st Qu.:0.4250
Min.   :0.0000
0.4
0.68
254
774
258
Density
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

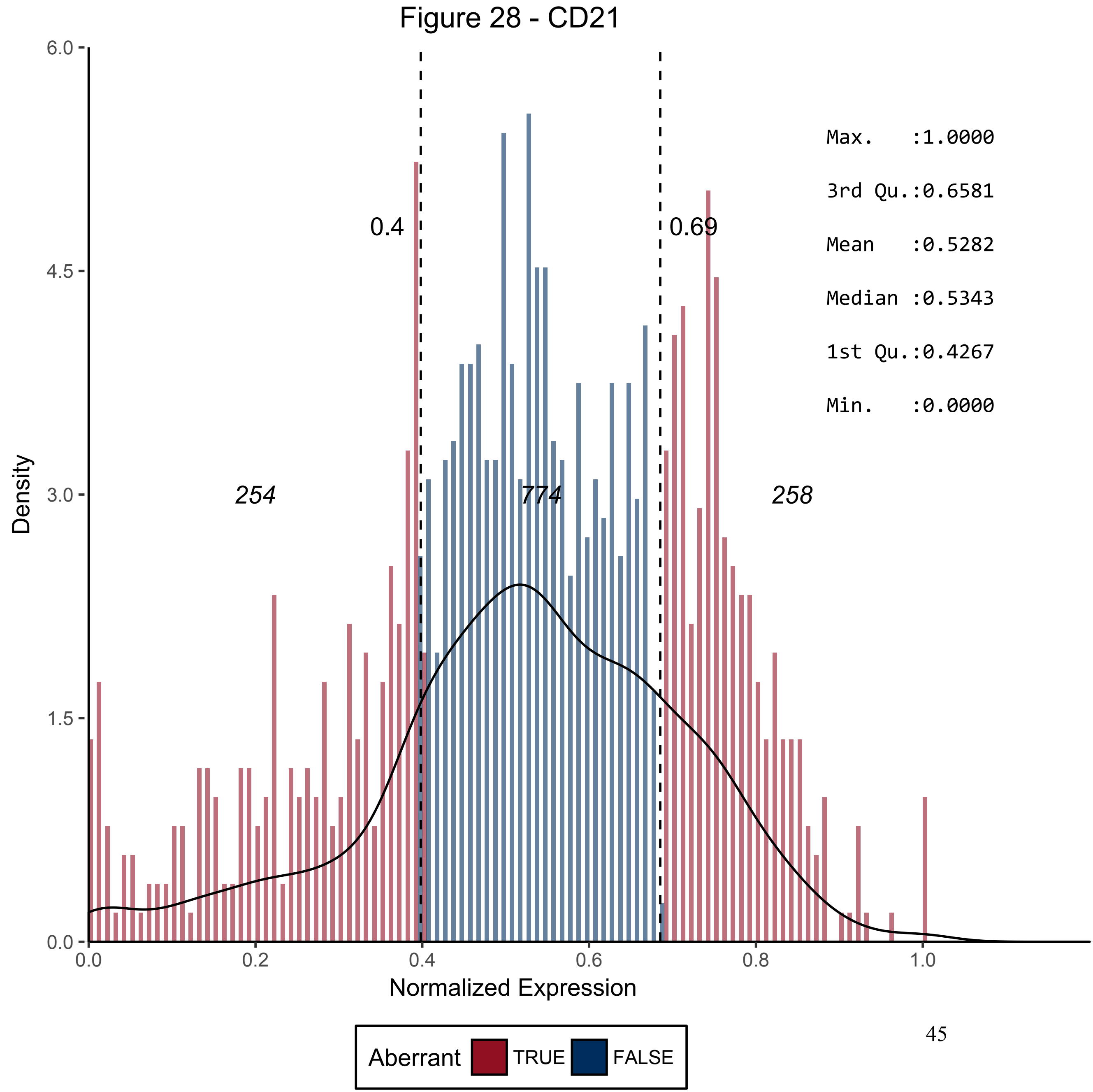


Figure 28 - CD21
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
0.4
0.69
254
774
258
Max.   :1.0000
3rd Qu.:0.6581
Mean   :0.5282
Median :0.5343
1st Qu.:0.4267
Min.   :0.0000
Aberrant
TRUE
FALSE

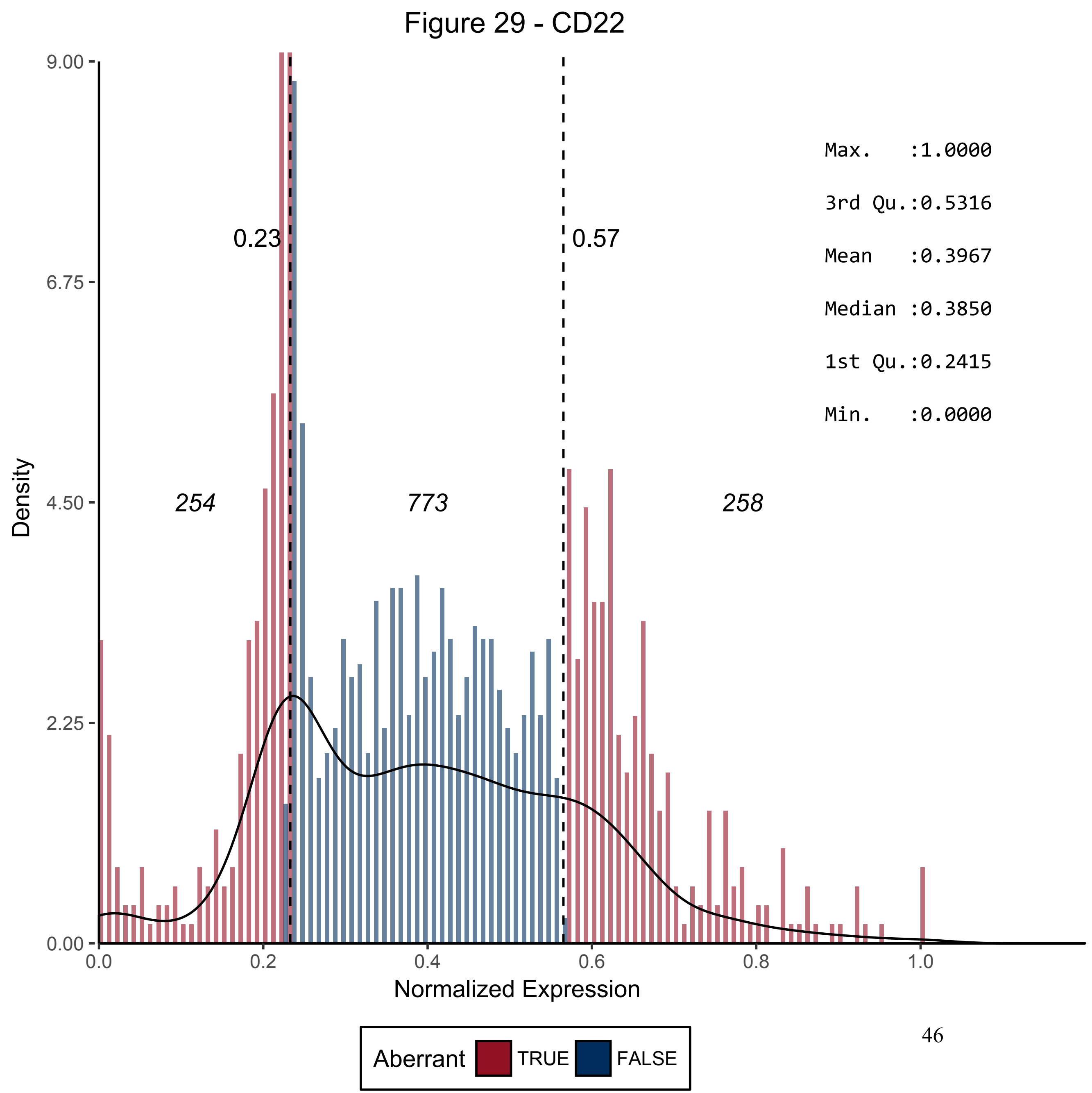


Figure 29 - CD22
Max. :1.0000
3rd Qu.:0.5316
Mean :0.3967
Median :0.3850
1st Qu.:0.2415
Min. :0.0000
0.23
0.57
254
773
258
Density
9.00
6.75
4.50
2.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

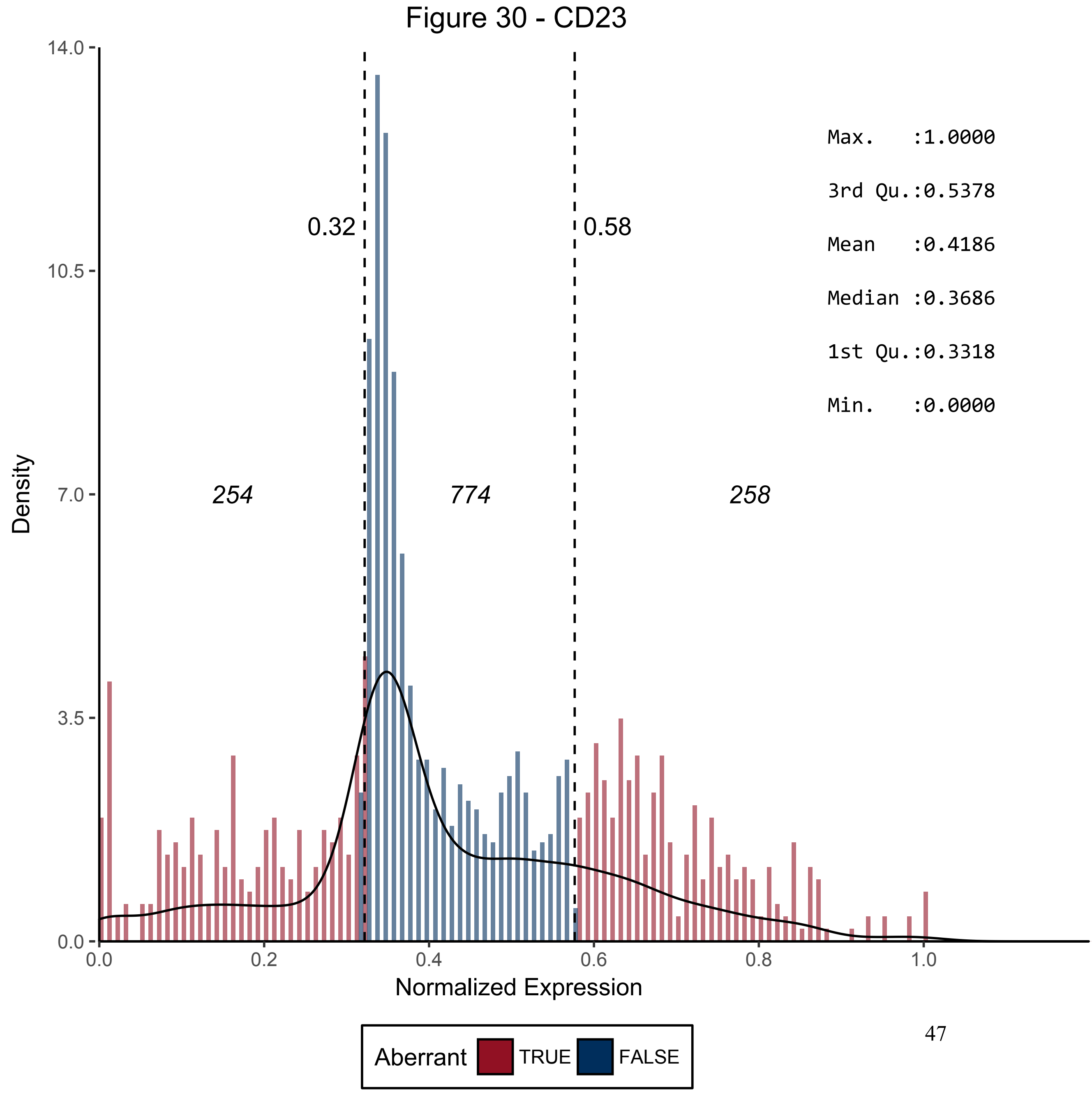
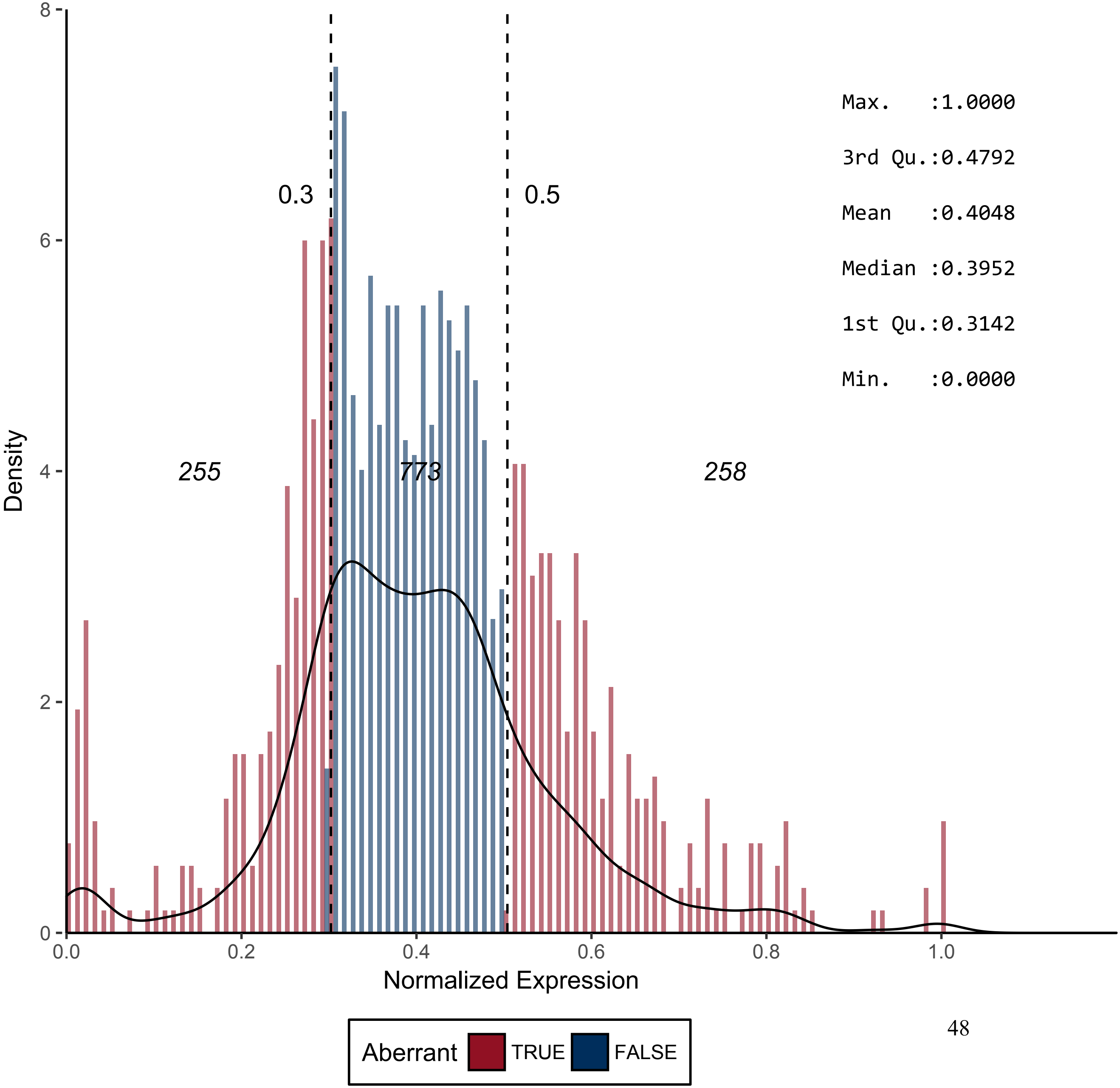


Figure 30 - CD23
Max. :1.0000
3rd Qu.:0.5378
Mean :0.4186
Median :0.3686
1st Qu.:0.3318
Min. :0.0000
0.32
0.58
254
774
258
Density
14.0
10.5
7.0
3.5
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 31 - CD25



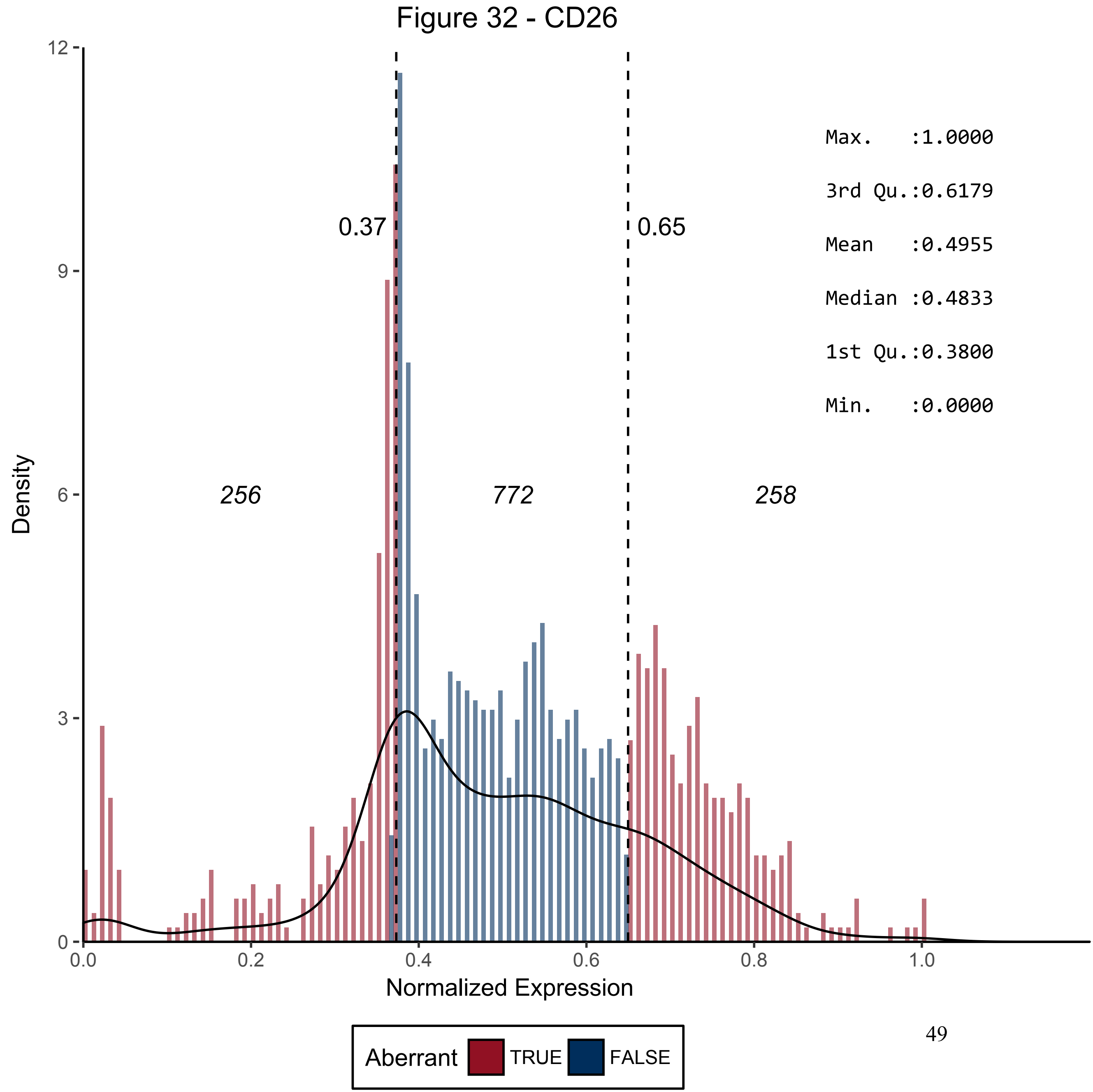


Figure 32 - CD26
Density
Normalized Expression
0.37
0.65
256
772
258
Max. :1.0000
3rd Qu.:0.6179
Mean :0.4955
Median :0.4833
1st Qu.:0.3800
Min. :0.0000
0
3
6
9
12
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

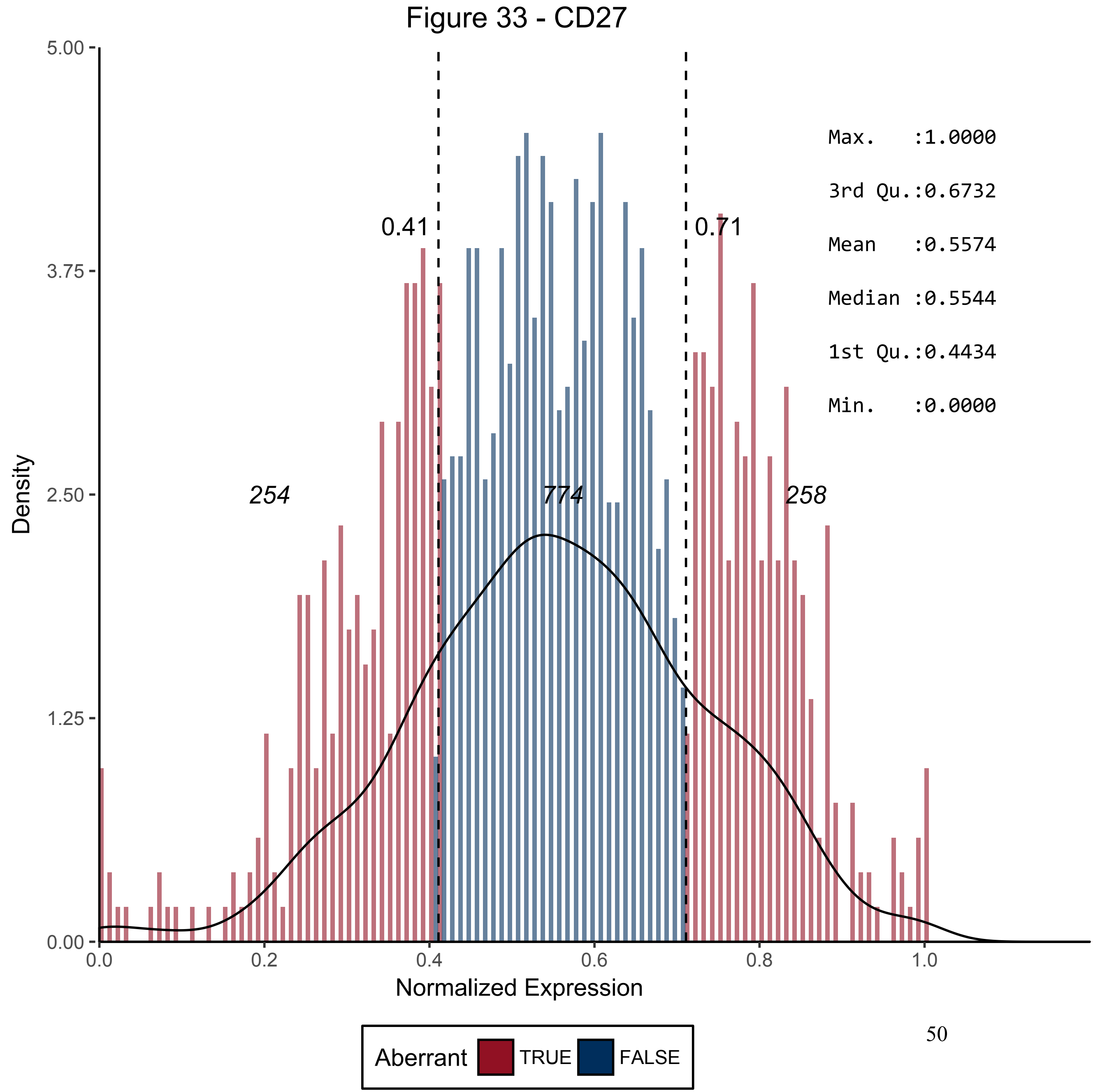


Figure 33 - CD27
Density
Normalized Expression
0.41
0.71
254
774
258
Max.   :1.0000
3rd Qu.:0.6732
Mean   :0.5574
Median :0.5544
1st Qu.:0.4434
Min.   :0.0000
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

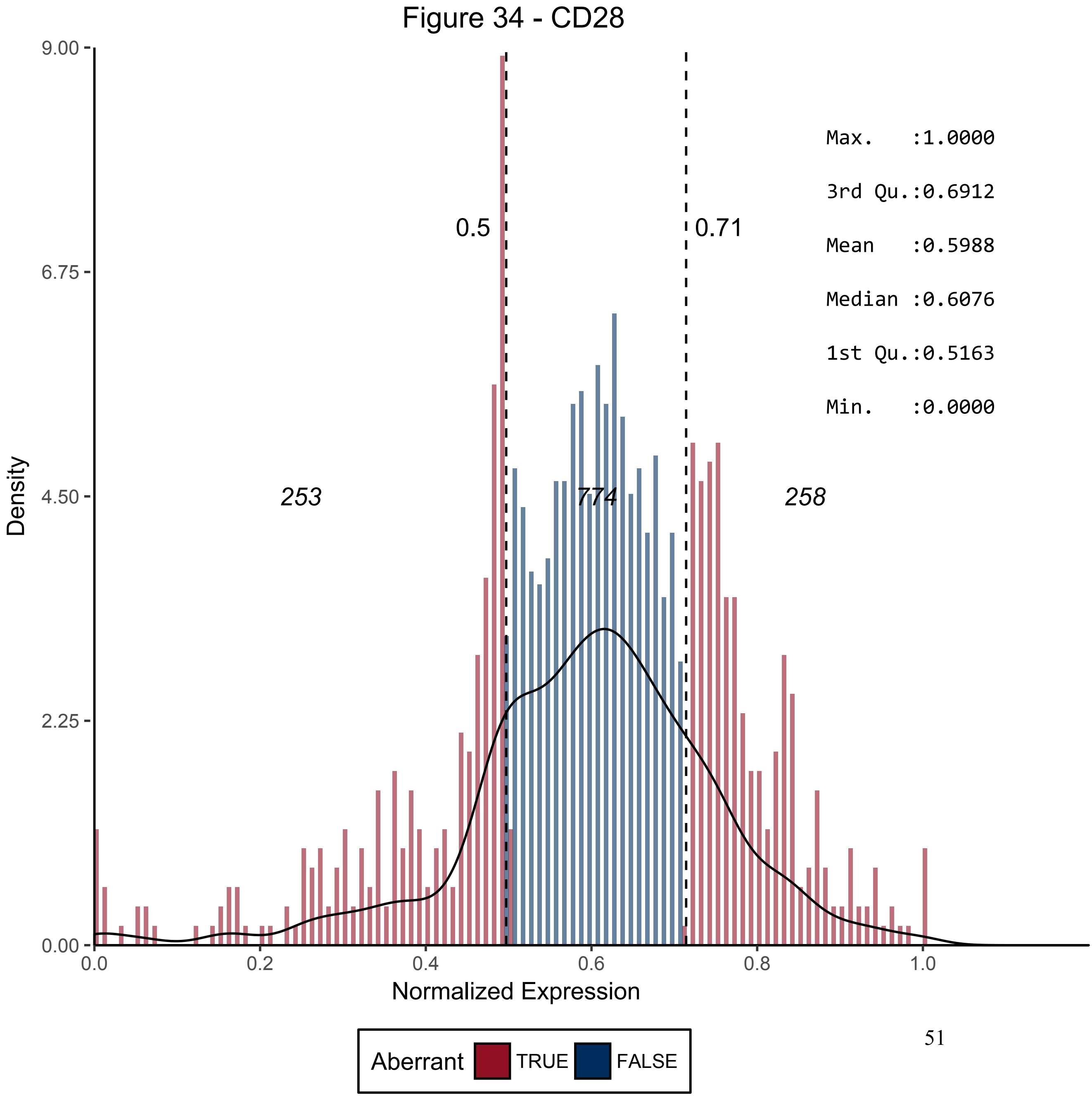


Figure 34 - CD28
9.00
6.75
4.50
2.25
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.5
0.71
253
774
258
Max. :1.0000
3rd Qu.:0.6912
Mean :0.5988
Median :0.6076
1st Qu.:0.5163
Min. :0.0000
Aberrant
TRUE
FALSE

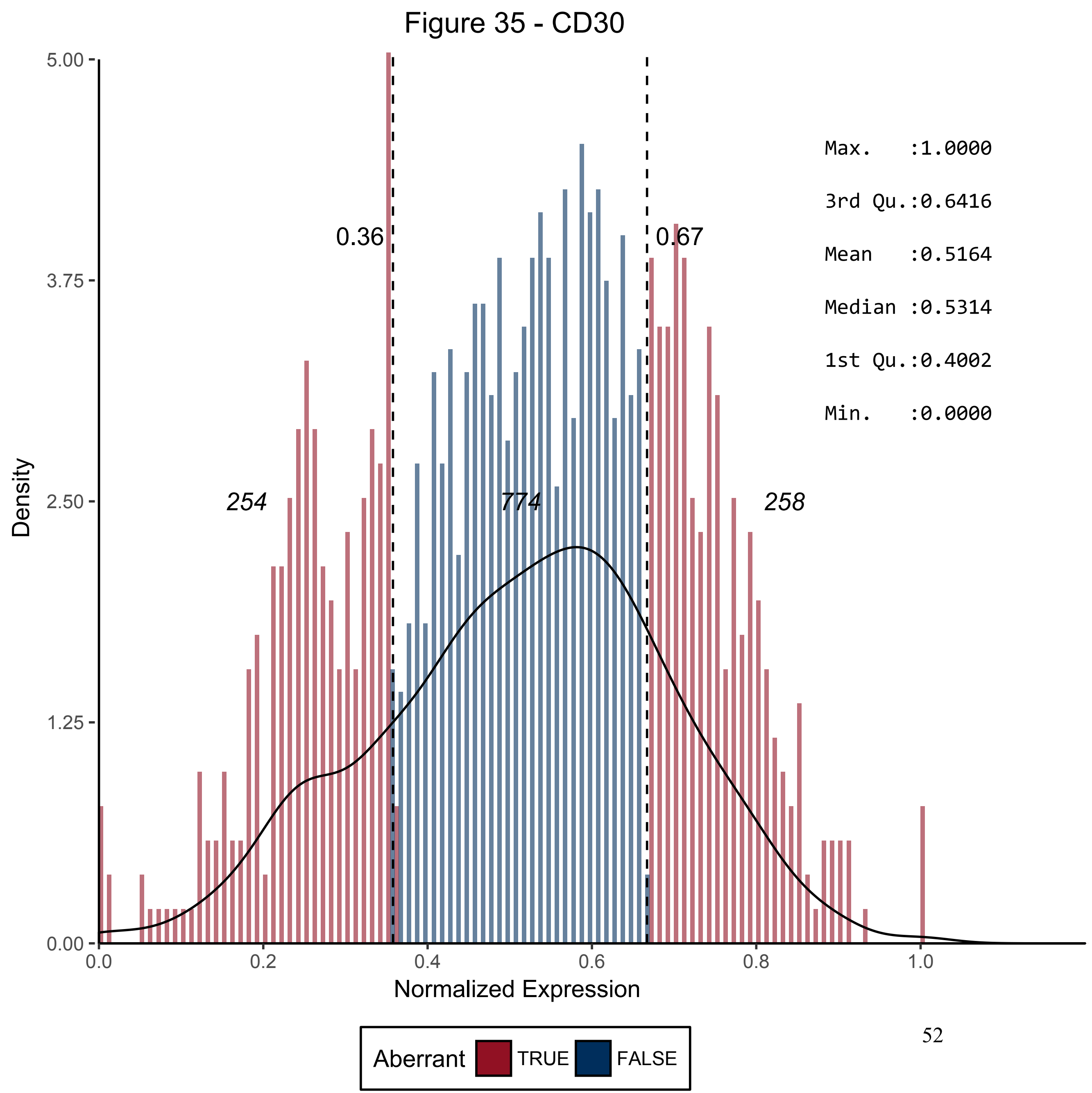
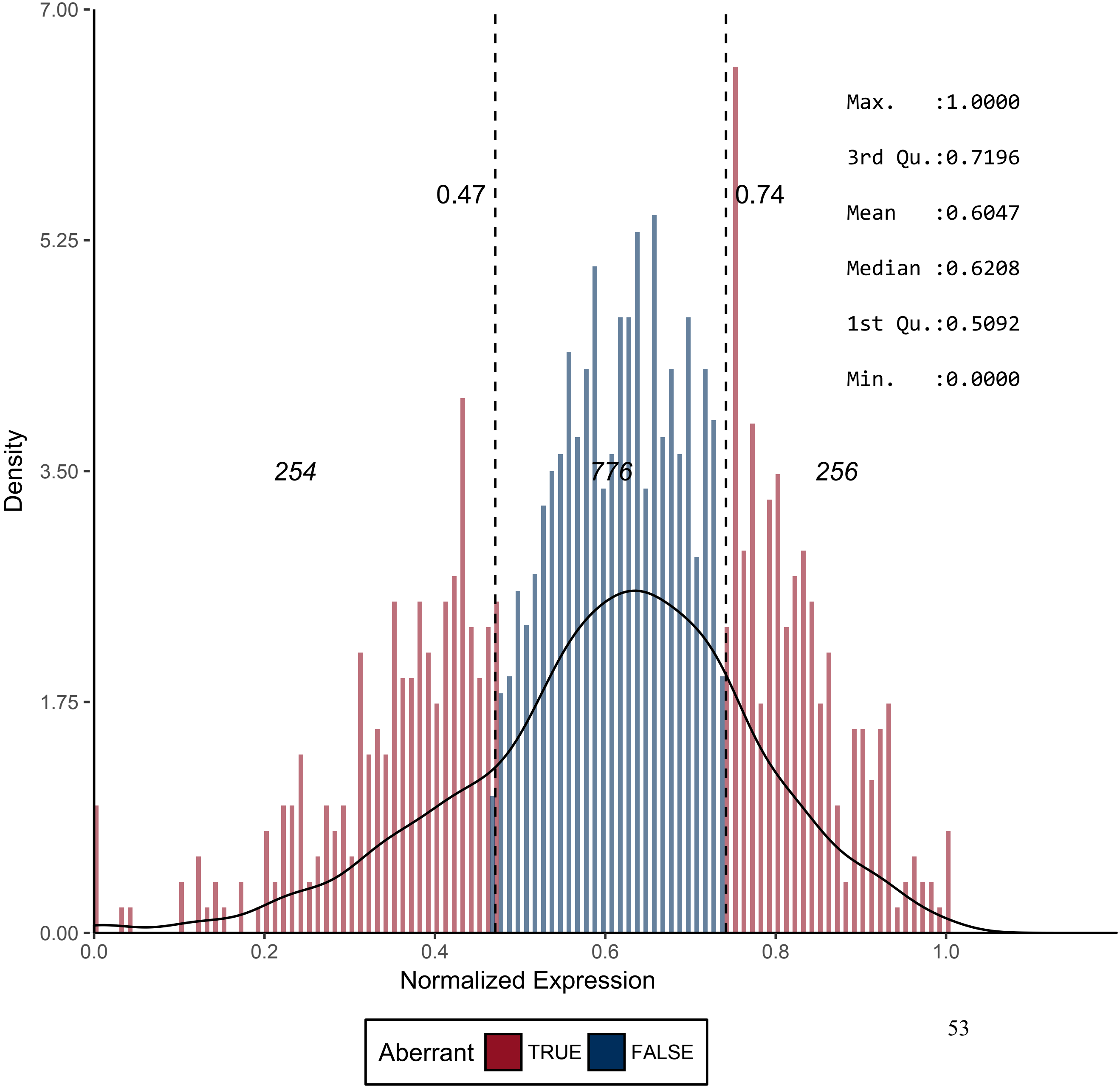


Figure 35 - CD30
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
0.36
0.67
254
774
258
Max. :1.0000
3rd Qu.:0.6416
Mean :0.5164
Median :0.5314
1st Qu.:0.4002
Min. :0.0000
Aberrant
TRUE
FALSE

Figure 36 - CD31



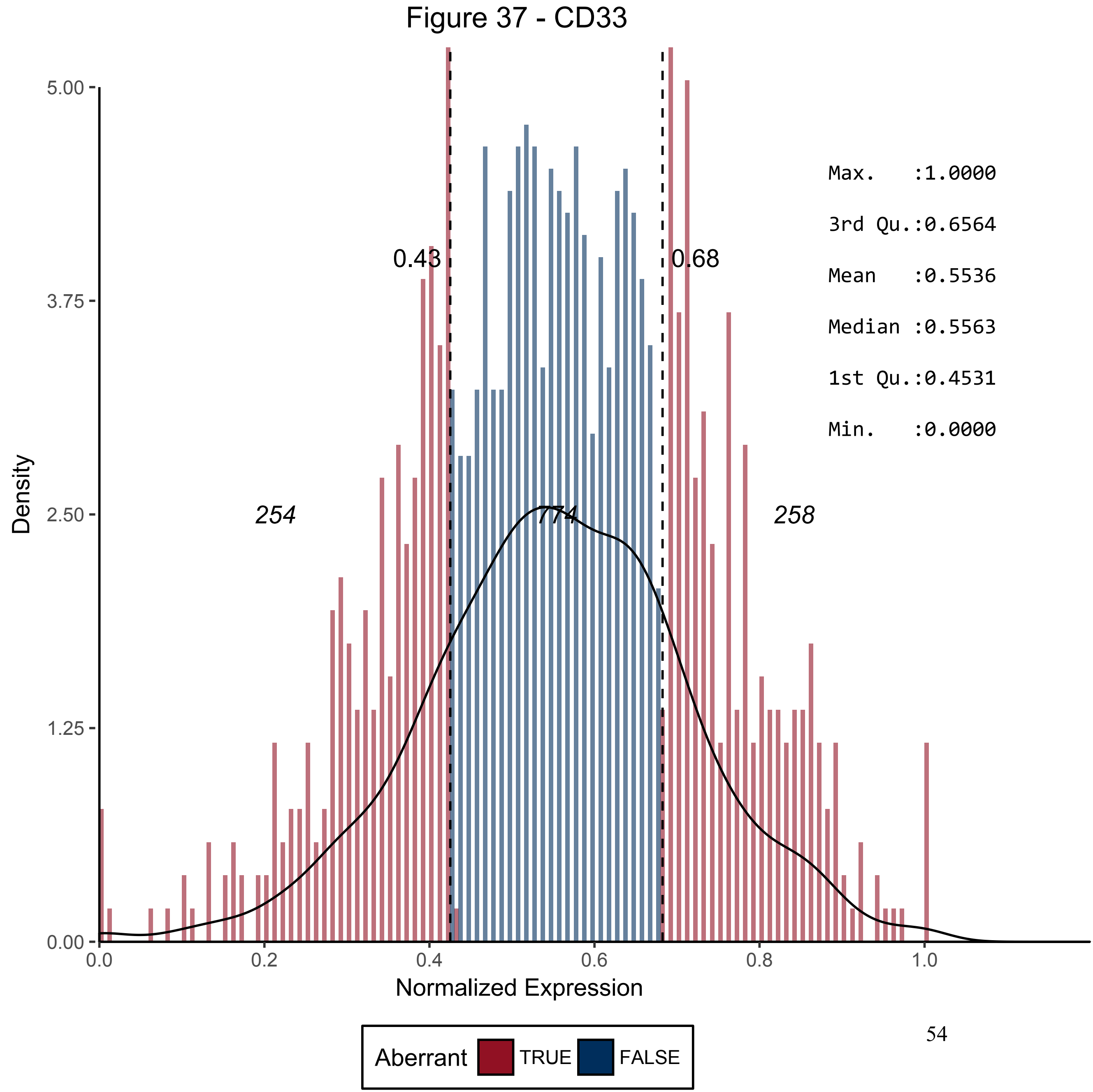


Figure 37 - CD33
Max.   :1.0000
3rd Qu.:0.6564
Mean   :0.5536
Median :0.5563
1st Qu.:0.4531
Min.   :0.0000
0.43
0.68
254
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

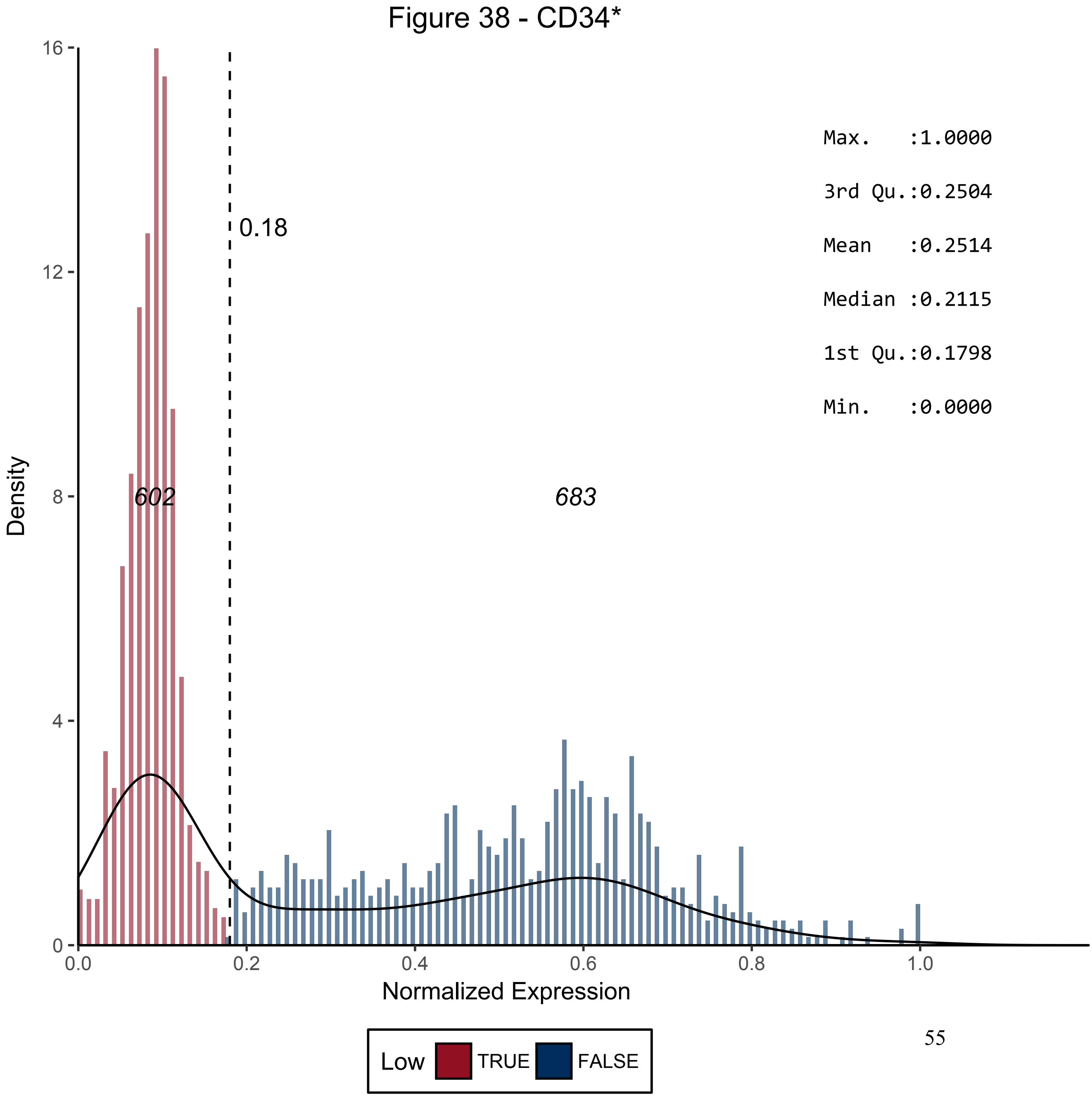


Figure 38 - CD34*
Max. :1.0000
3rd Qu.:0.2504
Mean :0.2514
Median :0.2115
1st Qu.:0.1798
Min. :0.0000
0.18
602
683
Density
Normalized Expression
0
4
8
12
16
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

Figure 39 - CD35

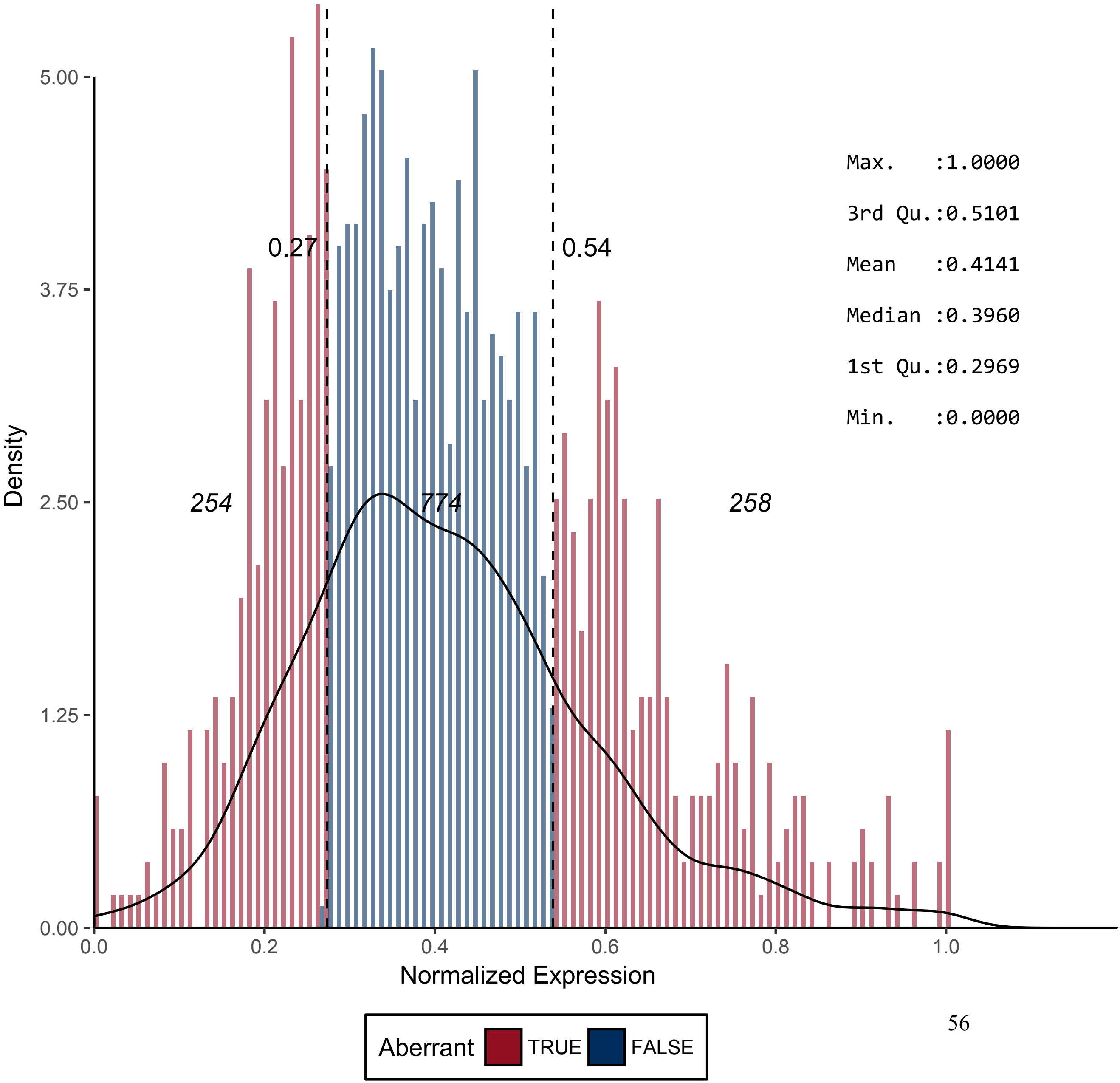
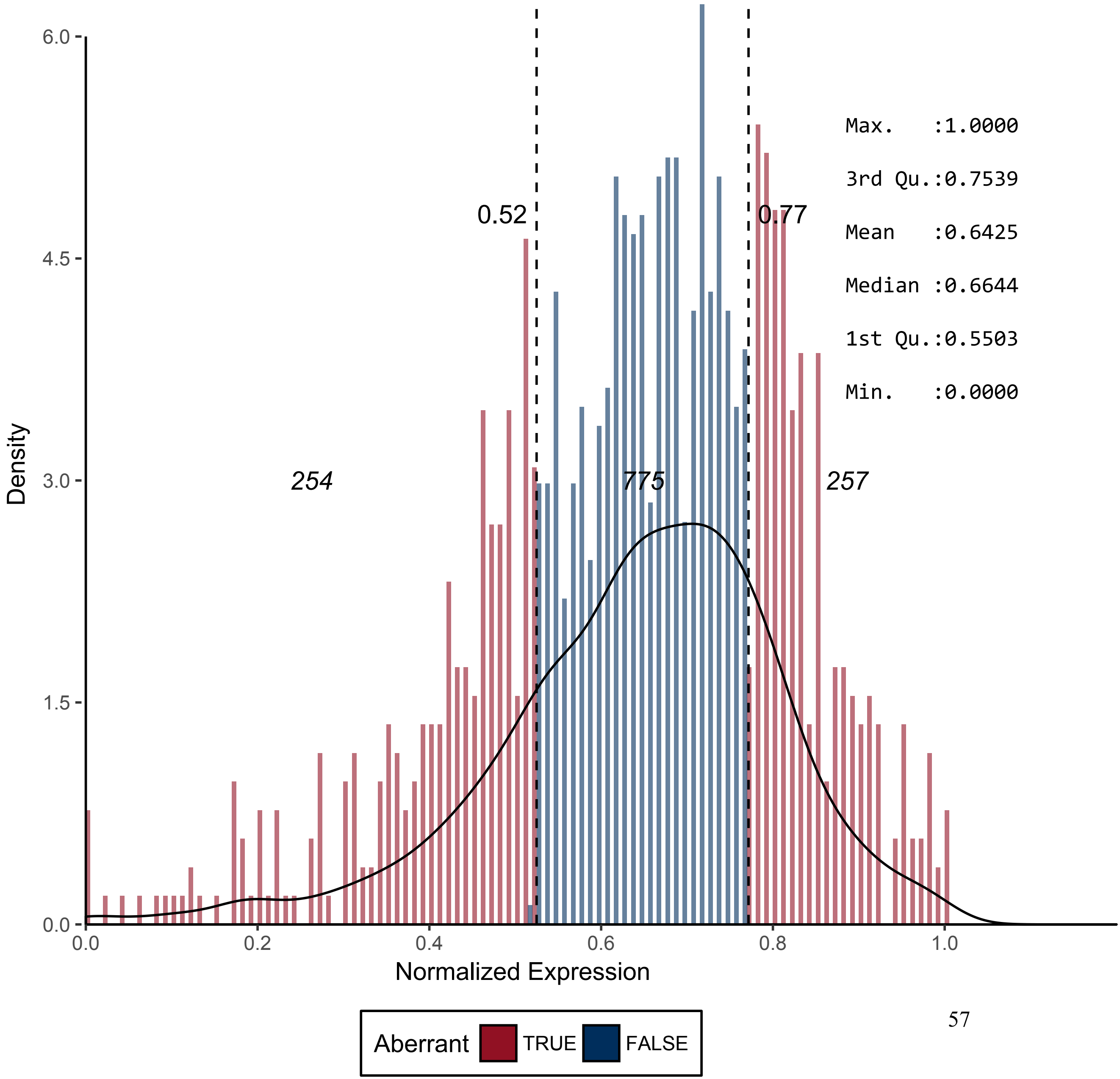


Figure 40 - CD36



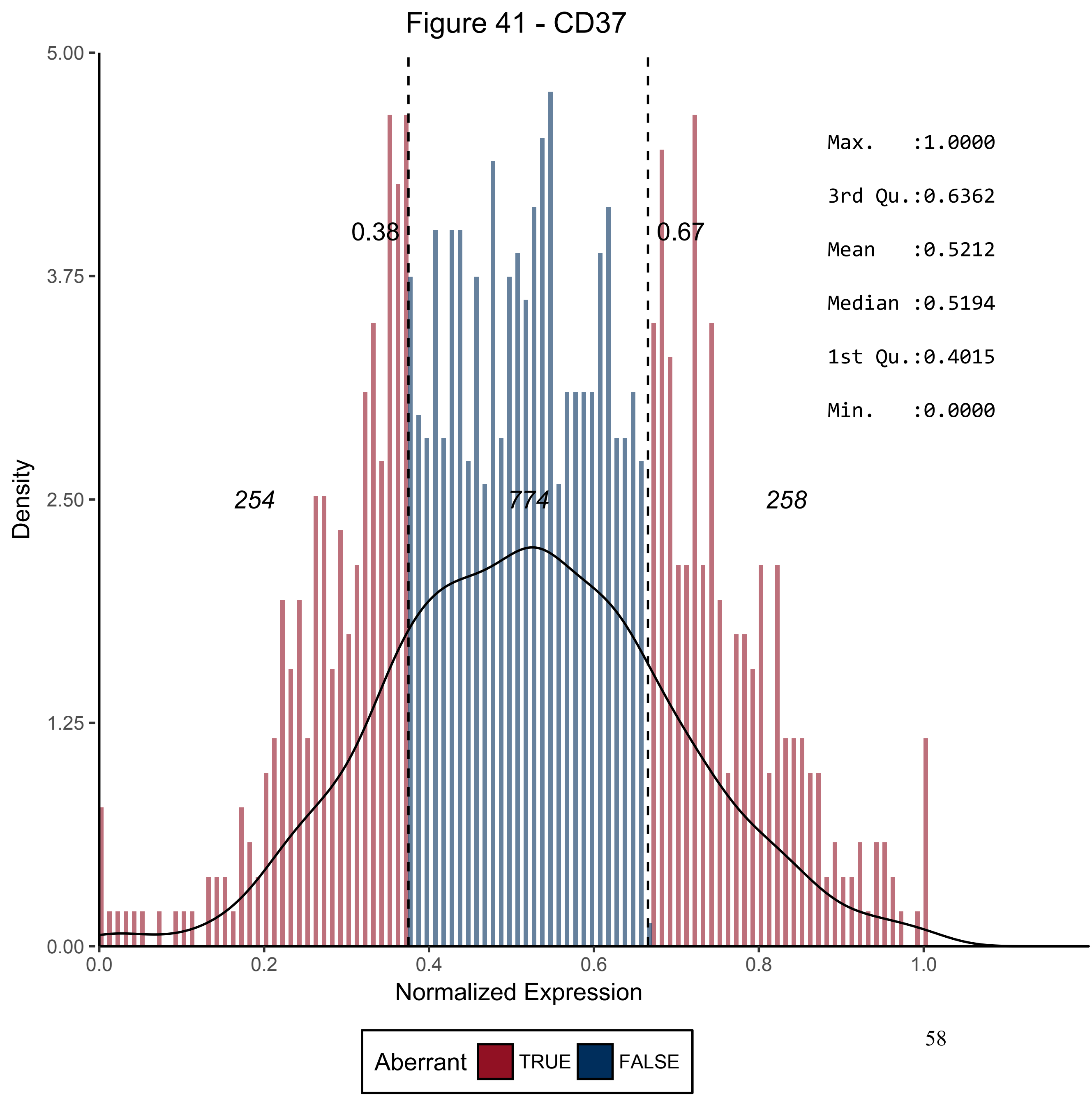


Figure 41 - CD37
Max. :1.0000
3rd Qu.:0.6362
Mean :0.5212
Median :0.5194
1st Qu.:0.4015
Min. :0.0000
0.38
0.67
254
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

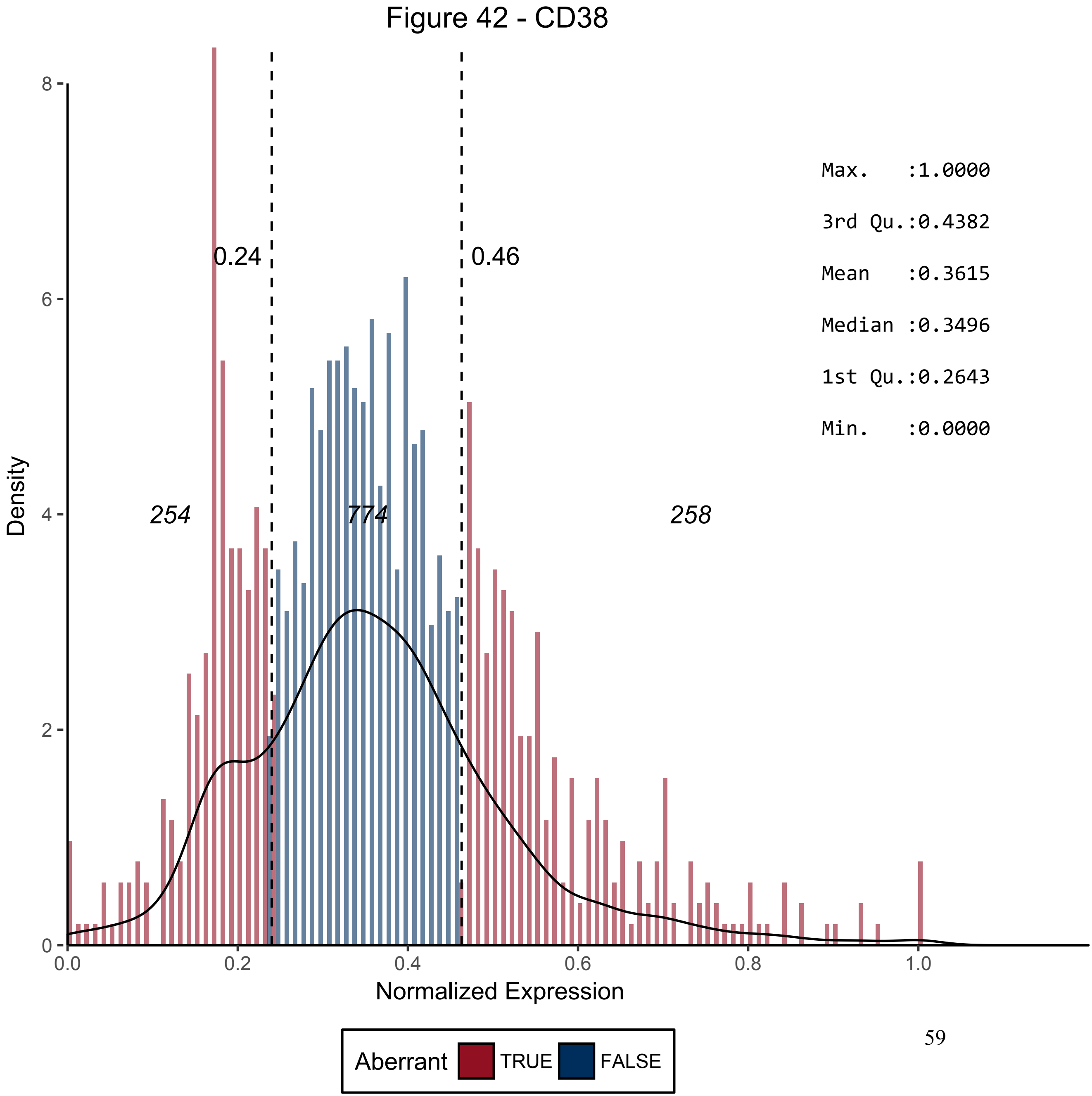


Figure 42 - CD38
Max.   :1.0000
3rd Qu.:0.4382
Mean   :0.3615
Median :0.3496
1st Qu.:0.2643
Min.   :0.0000
0.24
0.46
254
774
258
Density
Normalized Expression
0
2
4
6
8
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

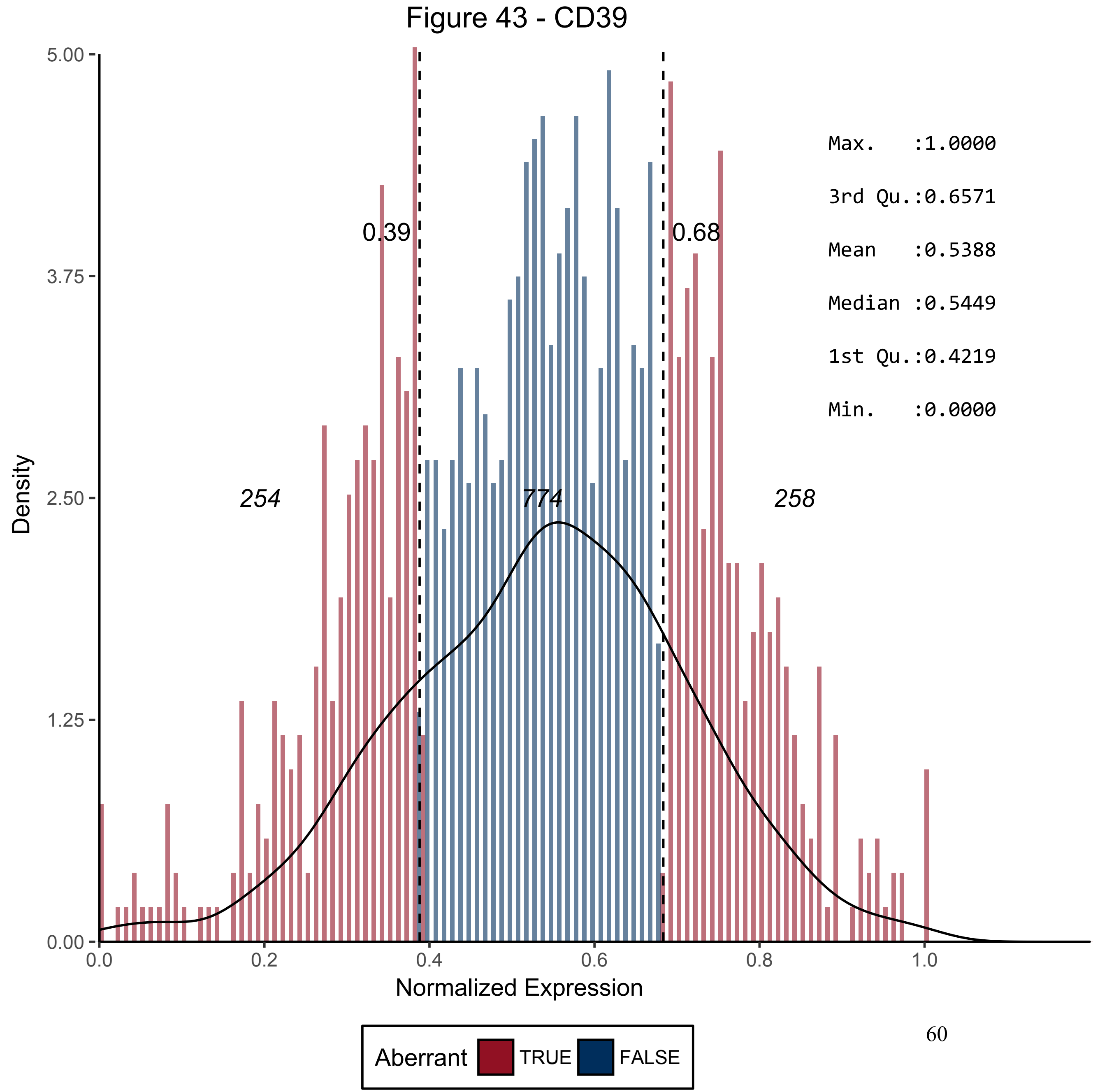


Figure 43 - CD39
5.00
3.75
2.50
1.25
0.00
Density
0.39
0.68
254
774
258
Max.   :1.0000
3rd Qu.:0.6571
Mean   :0.5388
Median :0.5449
1st Qu.:0.4219
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

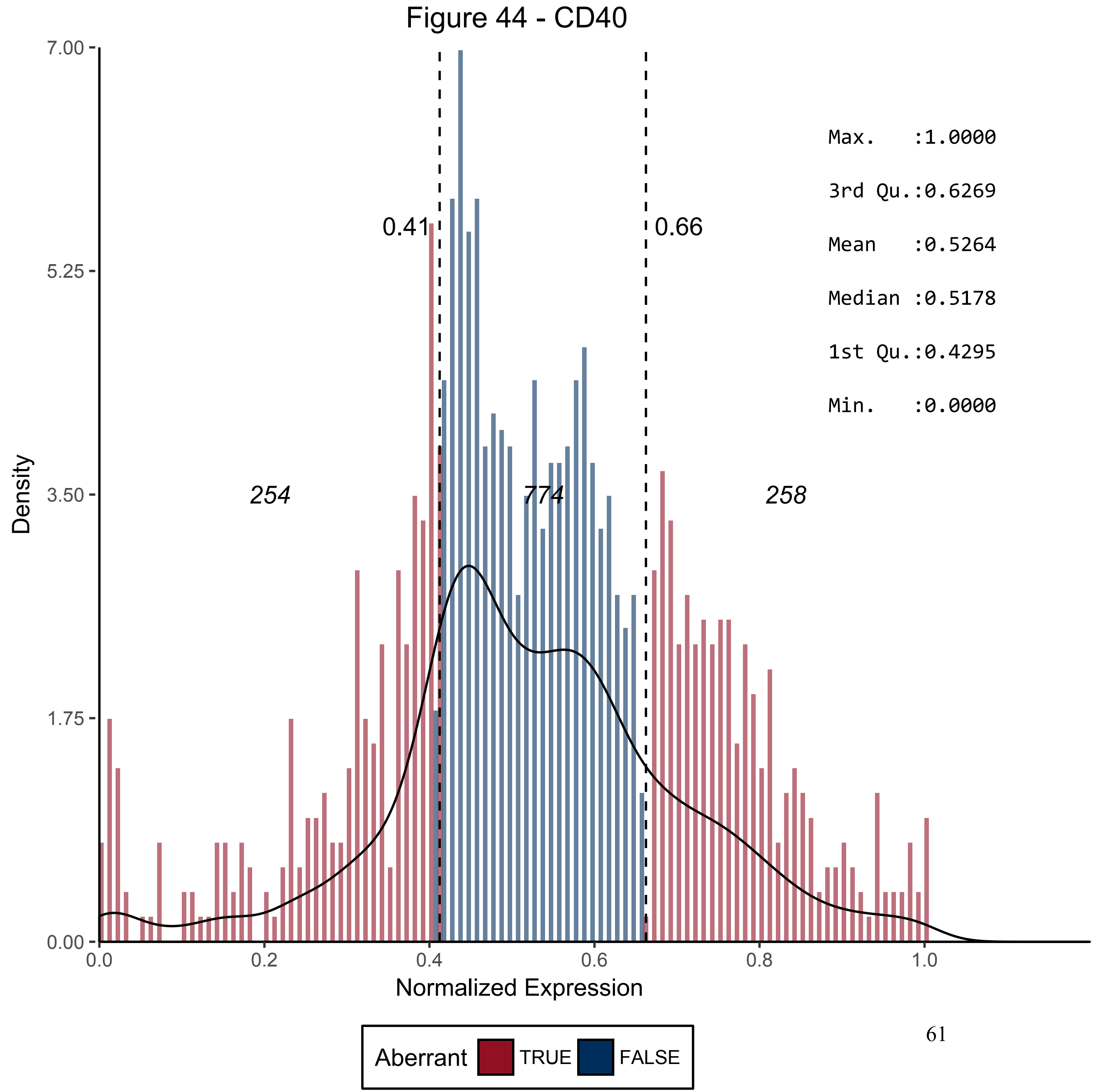


Figure 44 - CD40
Density
Normalized Expression
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
0.41
0.66
254
774
258
Max. :1.0000
3rd Qu.:0.6269
Mean :0.5264
Median :0.5178
1st Qu.:0.4295
Min. :0.0000
Aberrant
TRUE
FALSE

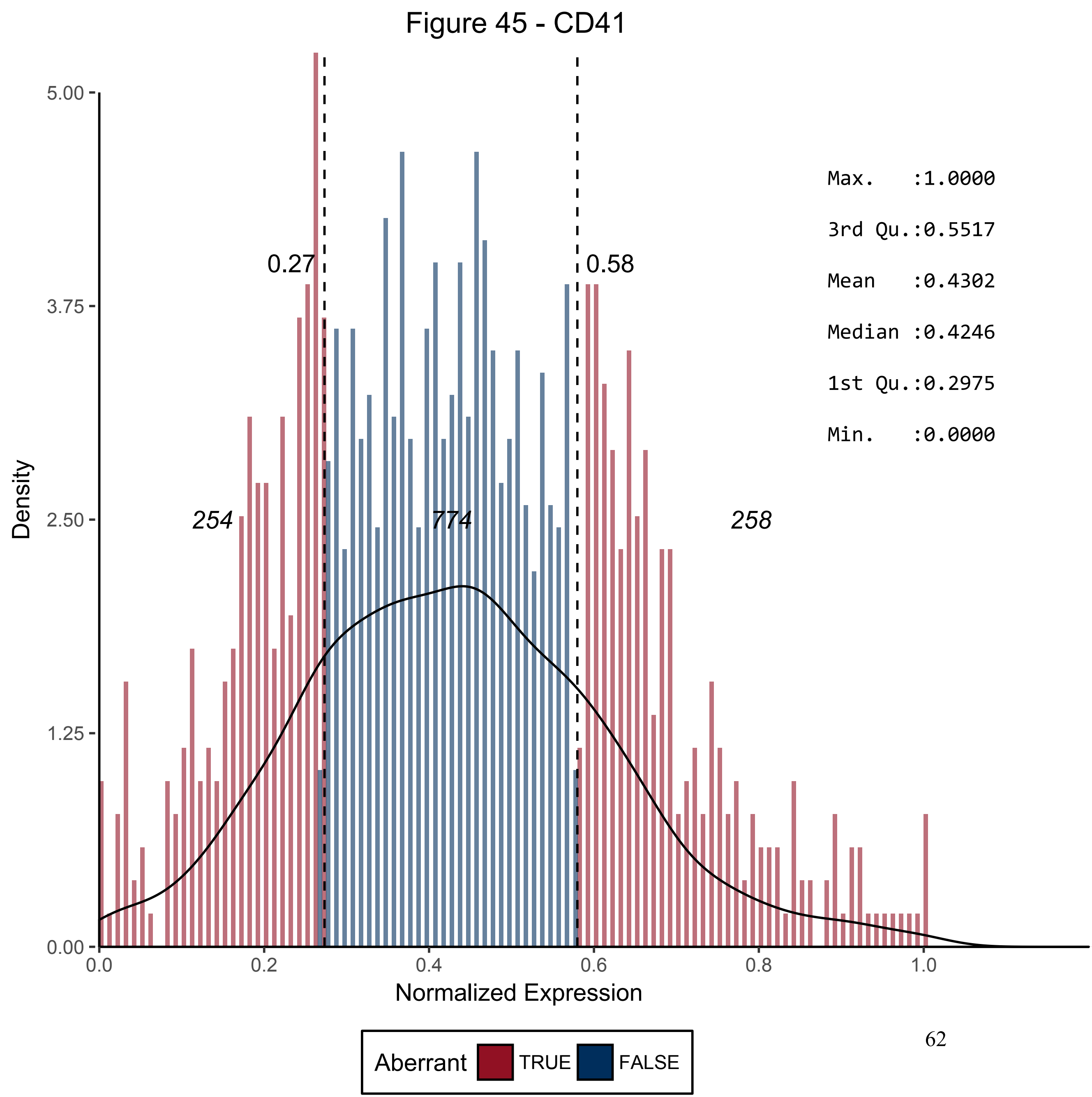
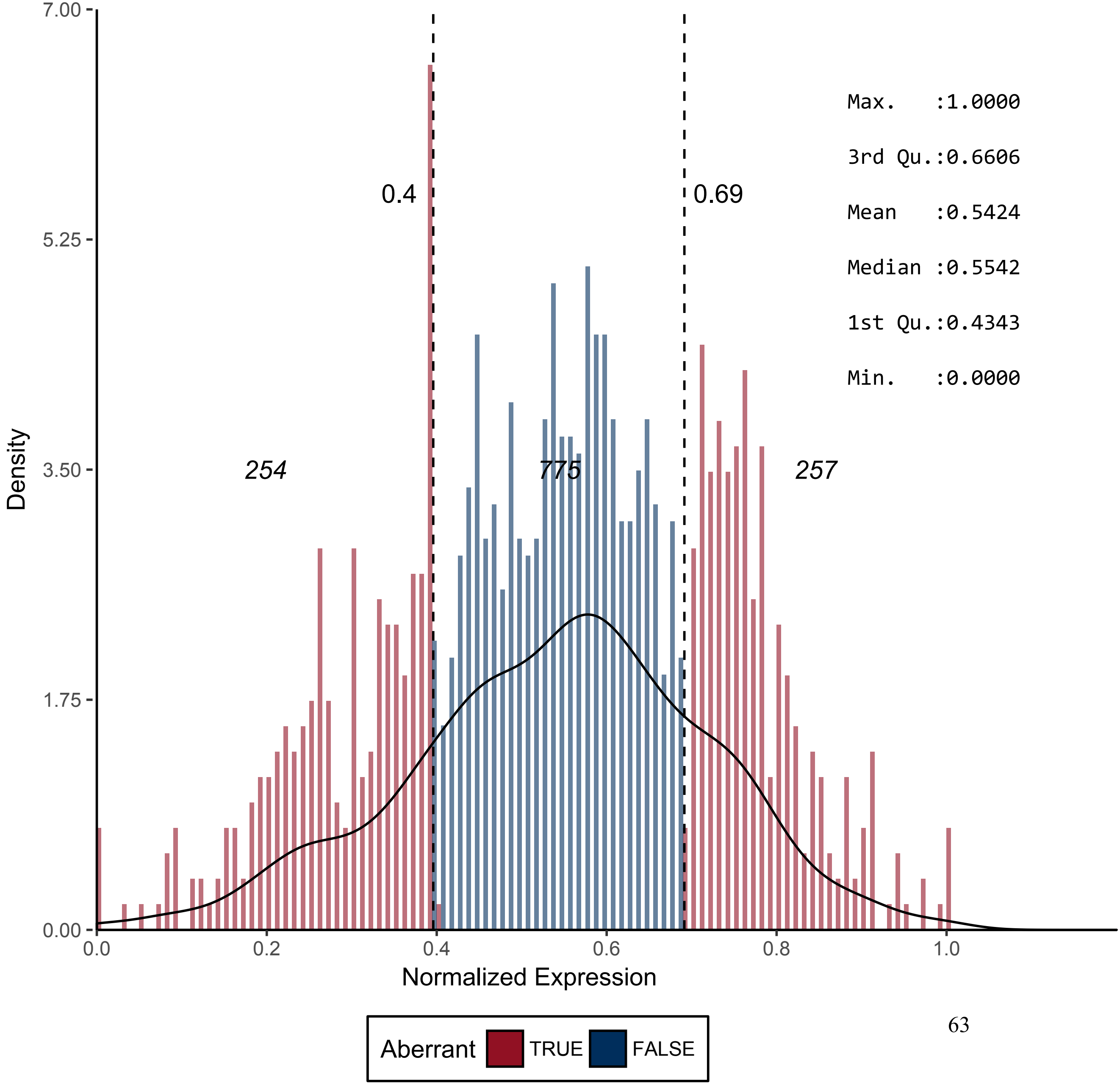


Figure 45 - CD41
Max. :1.0000
3rd Qu.:0.5517
Mean :0.4302
Median :0.4246
1st Qu.:0.2975
Min. :0.0000
0.27
0.58
254
774
258
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 46 - CD42A



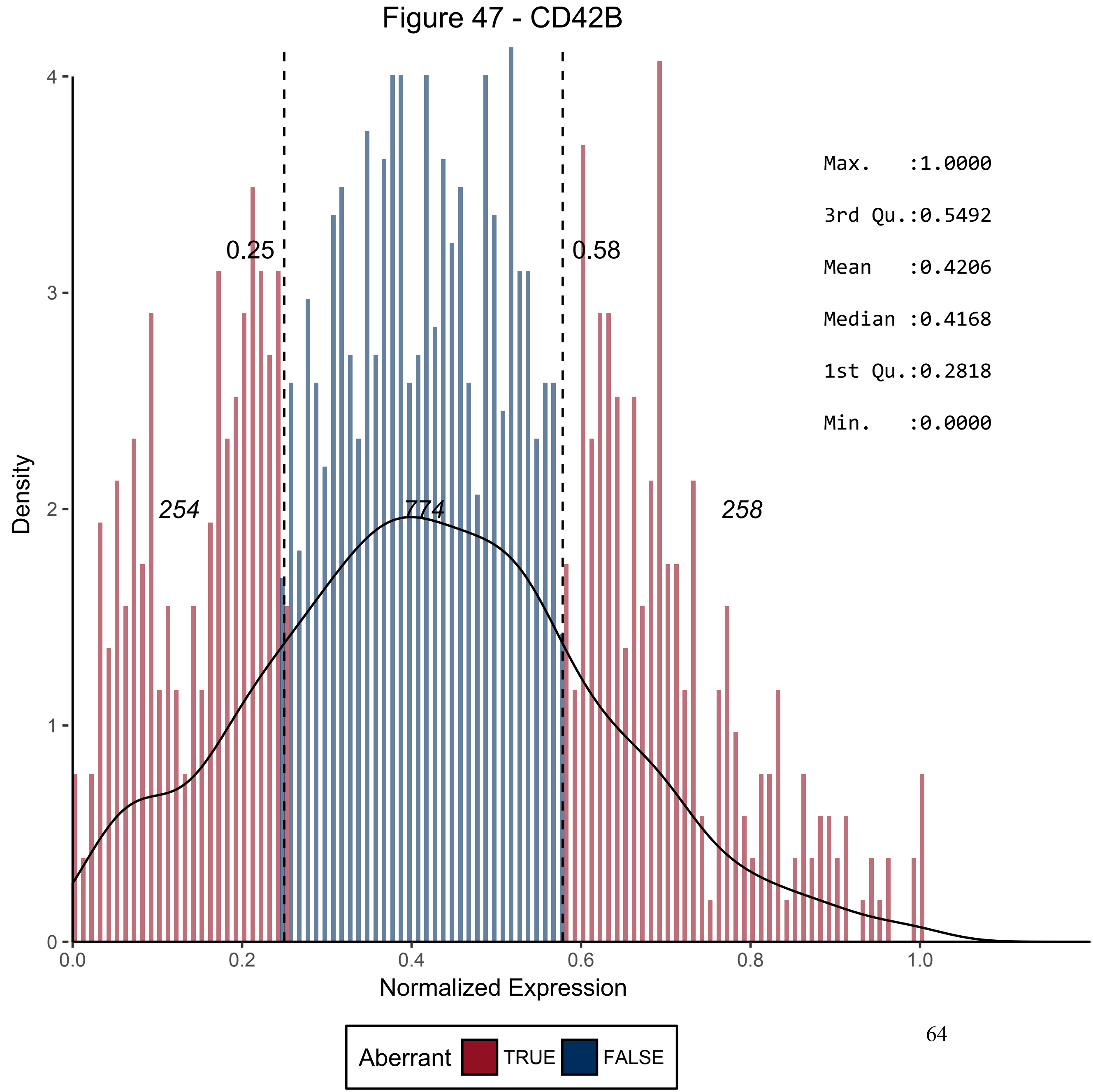


Figure 47 - CD42B
Max.   :1.0000
3rd Qu.:0.5492
Mean   :0.4206
Median :0.4168
1st Qu.:0.2818
Min.   :0.0000
0.25
0.58
254
774
258
Density
Normalized Expression
0
1
2
3
4
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

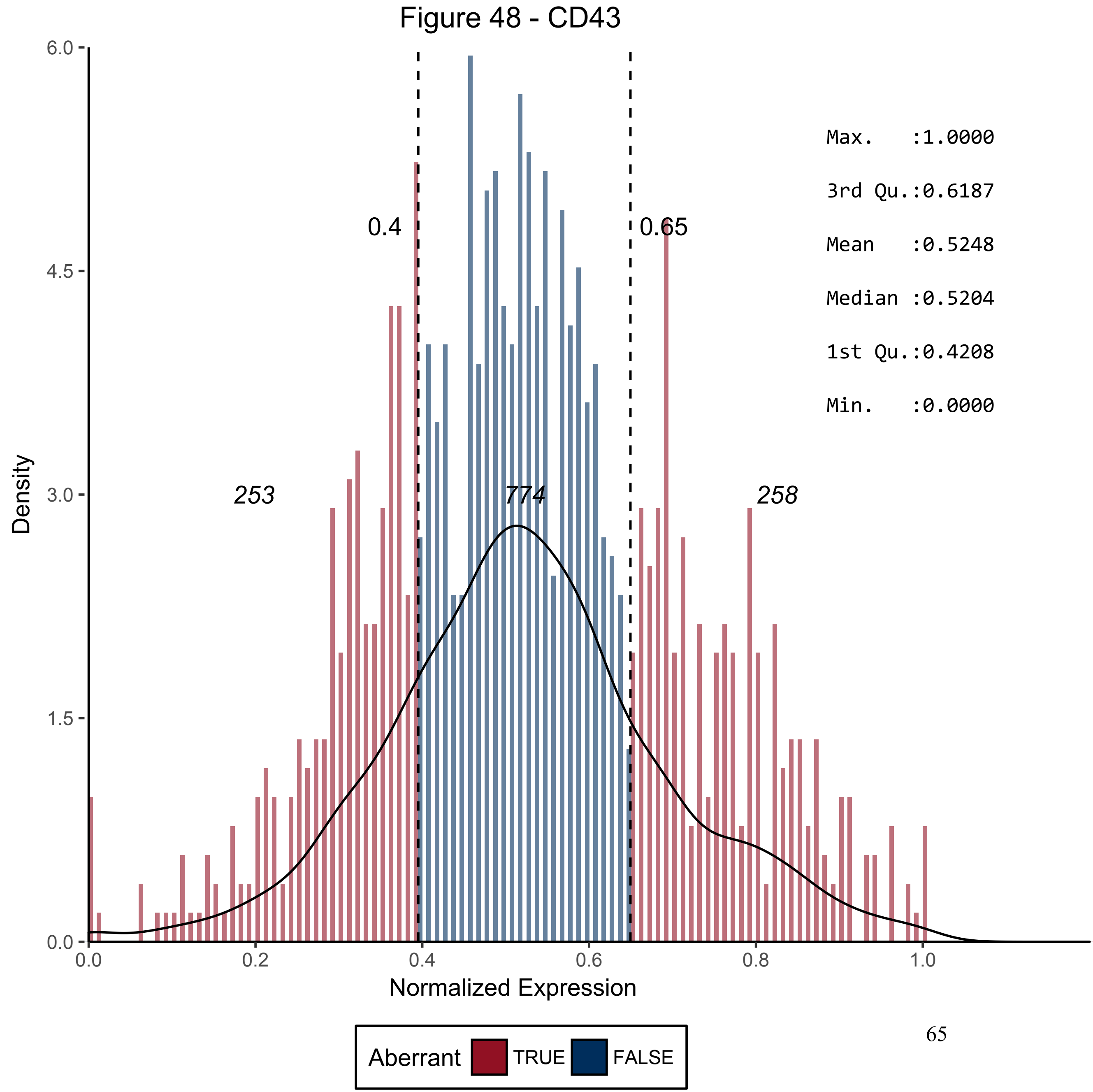
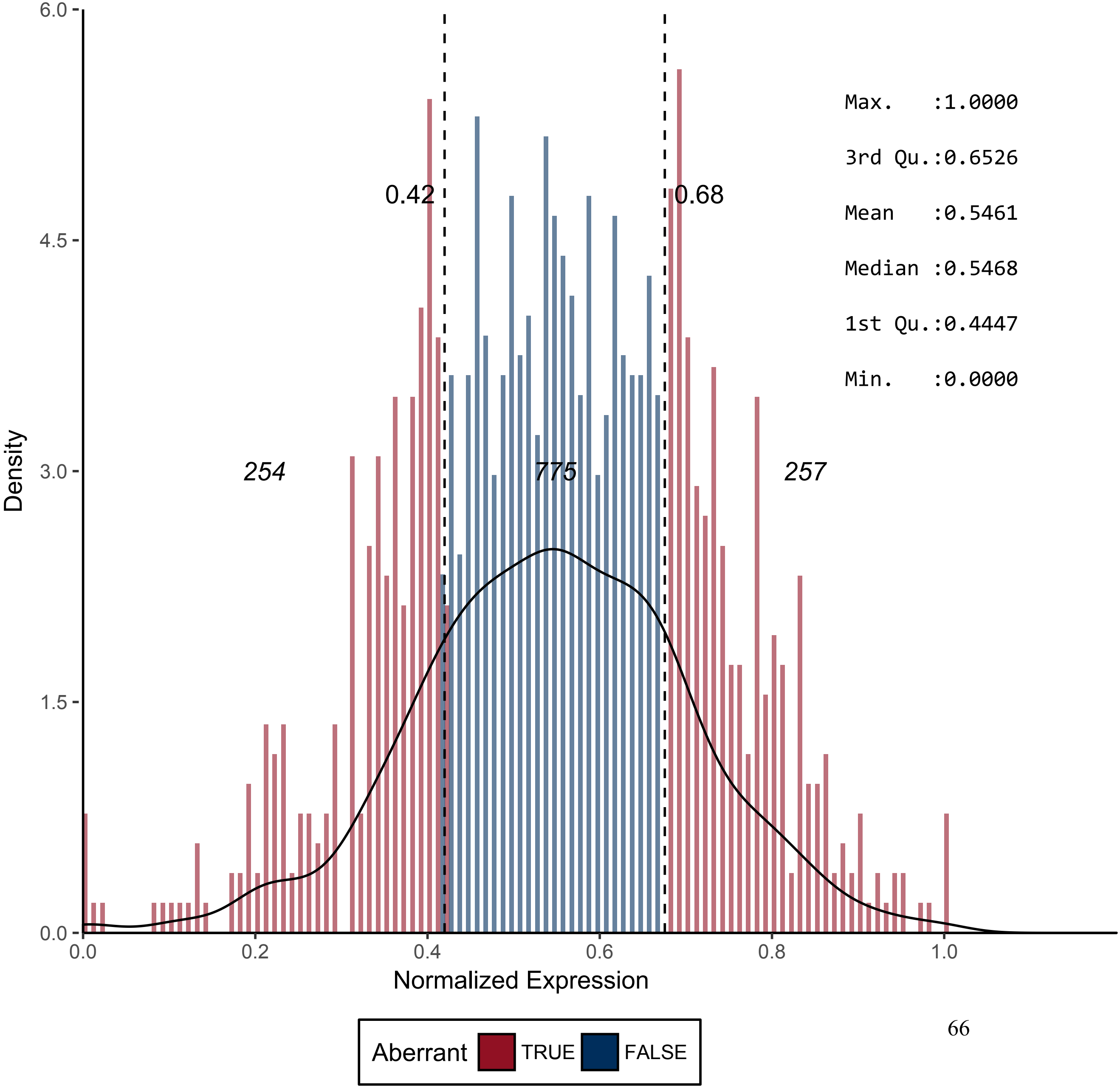


Figure 48 - CD43
Max.   :1.0000
3rd Qu.:0.6187
Mean   :0.5248
Median :0.5204
1st Qu.:0.4208
Min.   :0.0000
0.4
0.65
253
774
258
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 49 - CD44



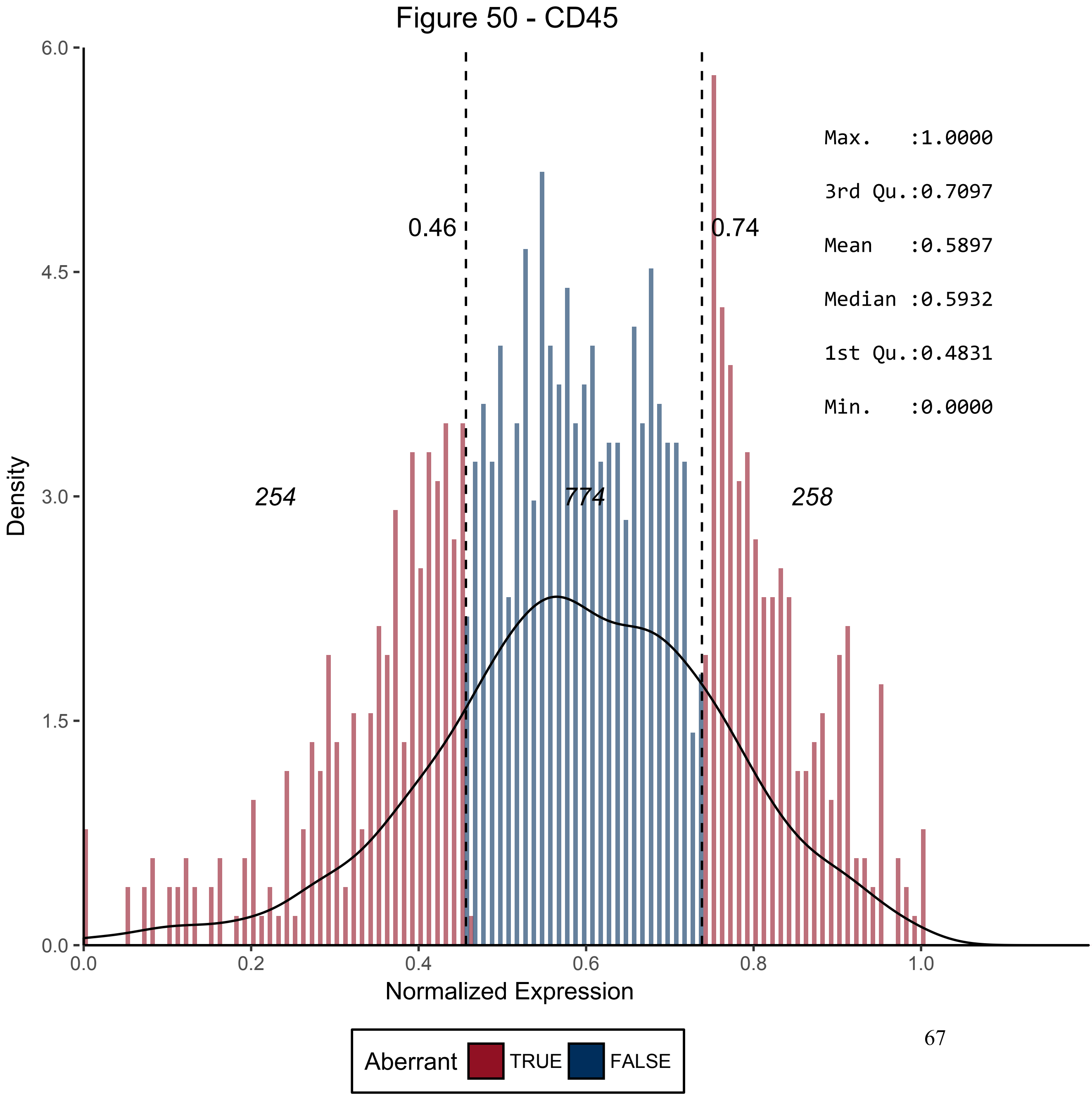


Figure 50 - CD45
Max. :1.0000
3rd Qu.:0.7097
Mean :0.5897
Median :0.5932
1st Qu.:0.4831
Min. :0.0000
0.46
0.74
254
774
258
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

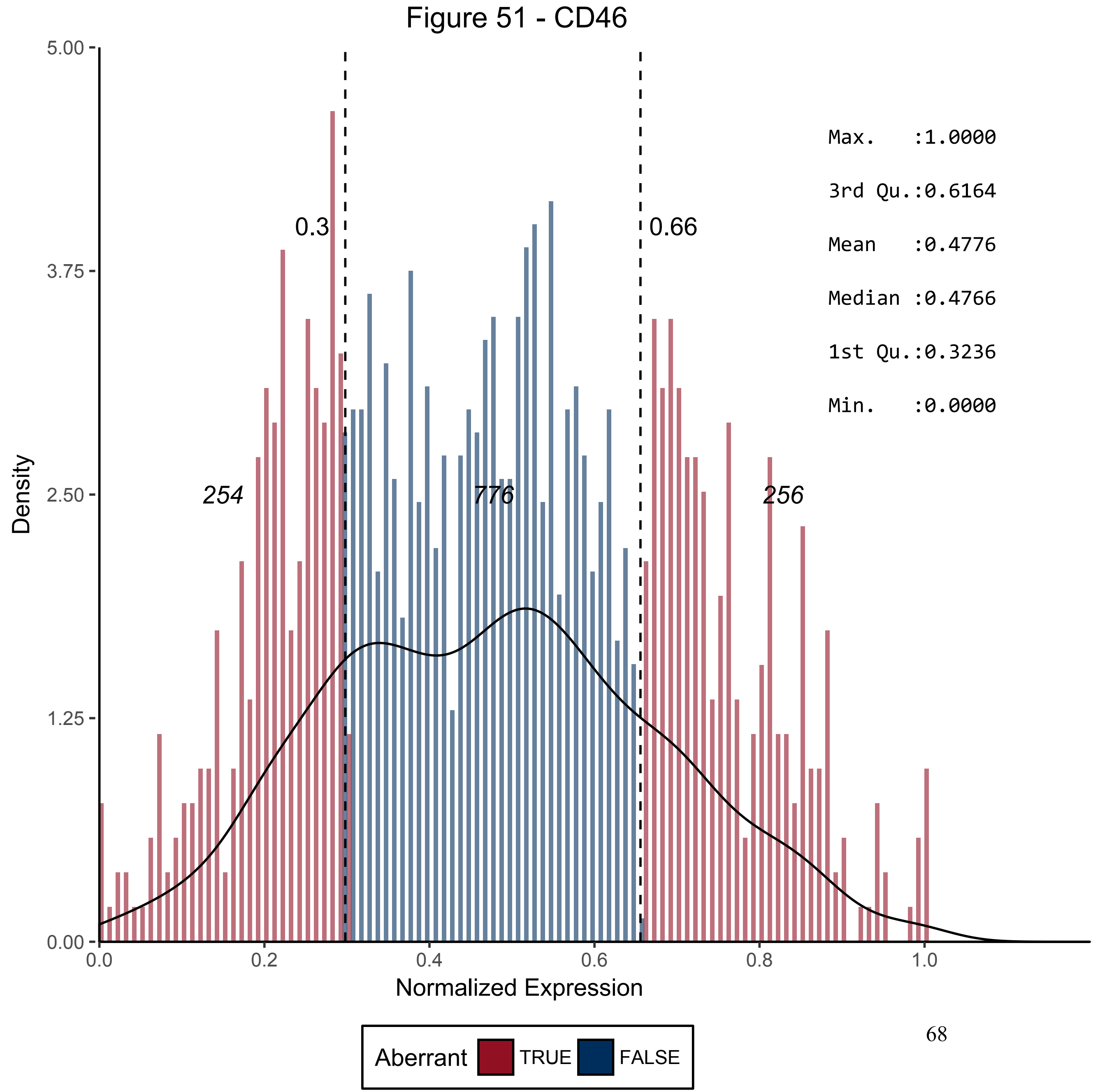


Figure 51 - CD46
Max. :1.0000
3rd Qu.:0.6164
Mean :0.4776
Median :0.4766
1st Qu.:0.3236
Min. :0.0000
0.3
0.66
254
776
256
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

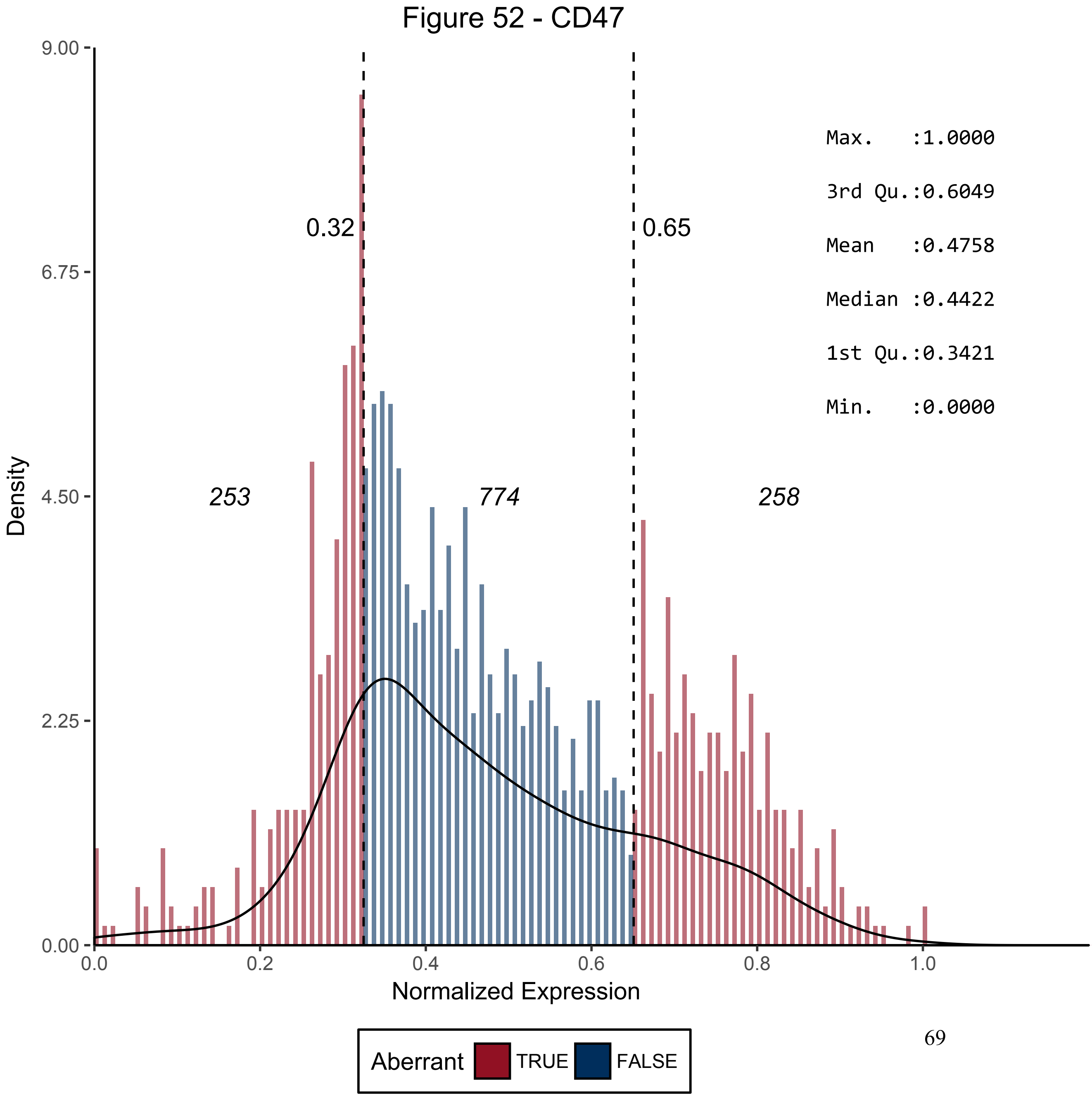


Figure 52 - CD47
Density
9.00
6.75
4.50
2.25
0.00
0.32
0.65
253
774
258
Max.   :1.0000
3rd Qu.:0.6049
Mean   :0.4758
Median :0.4422
1st Qu.:0.3421
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

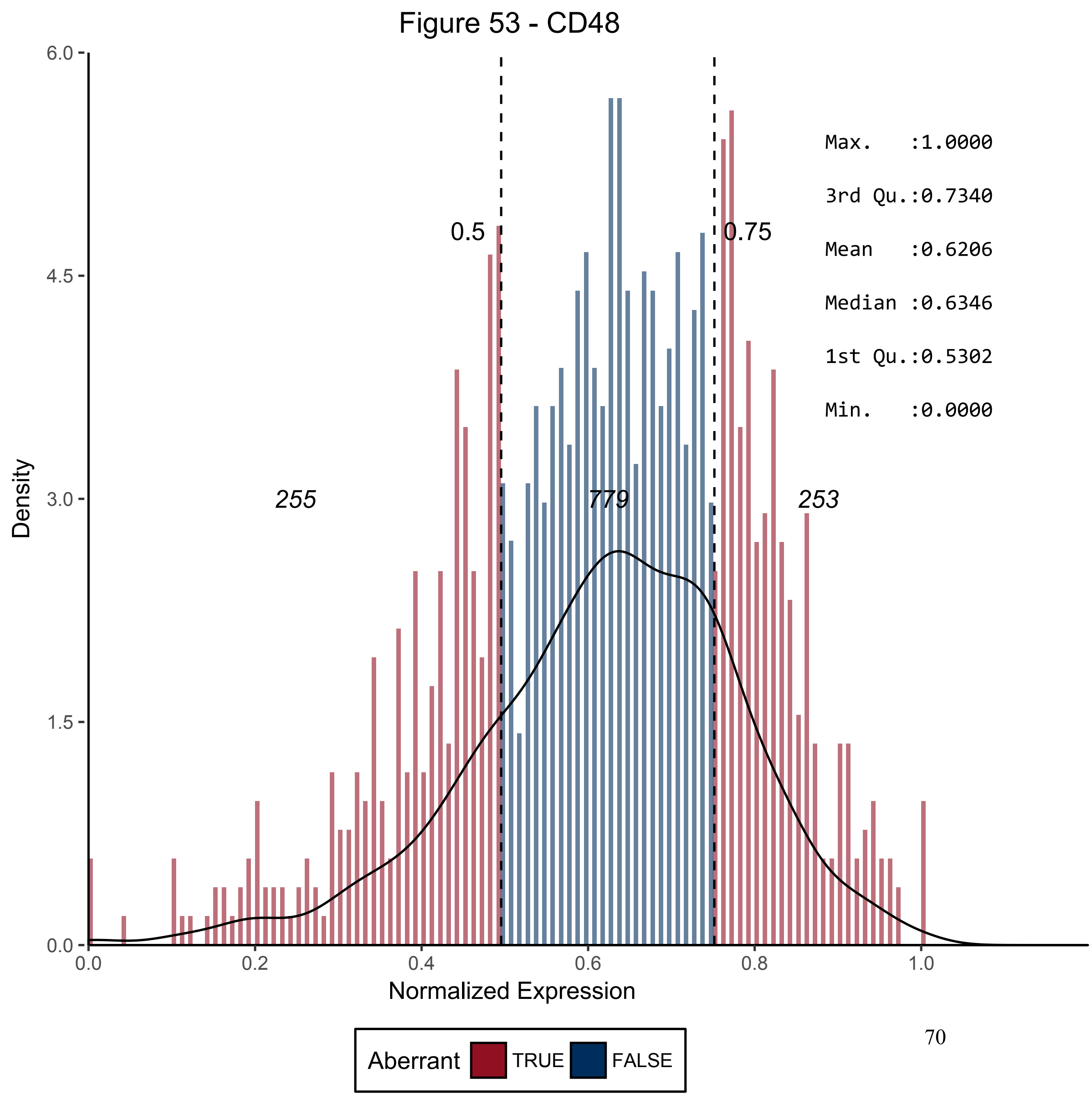


Figure 53 - CD48
Max. :1.0000
3rd Qu.:0.7340
Mean :0.6206
Median :0.6346
1st Qu.:0.5302
Min. :0.0000
0.5
0.75
255
779
253
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

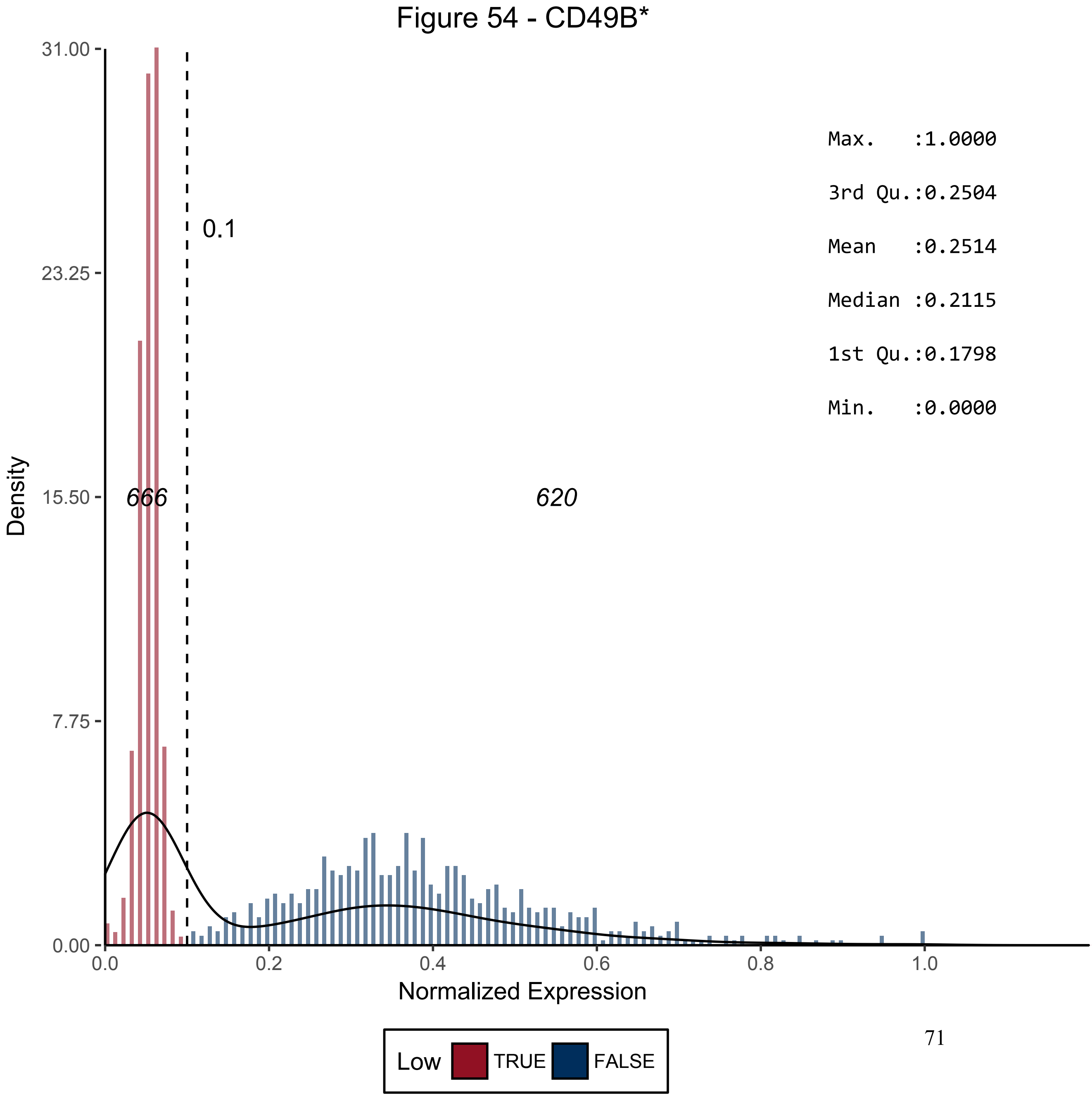
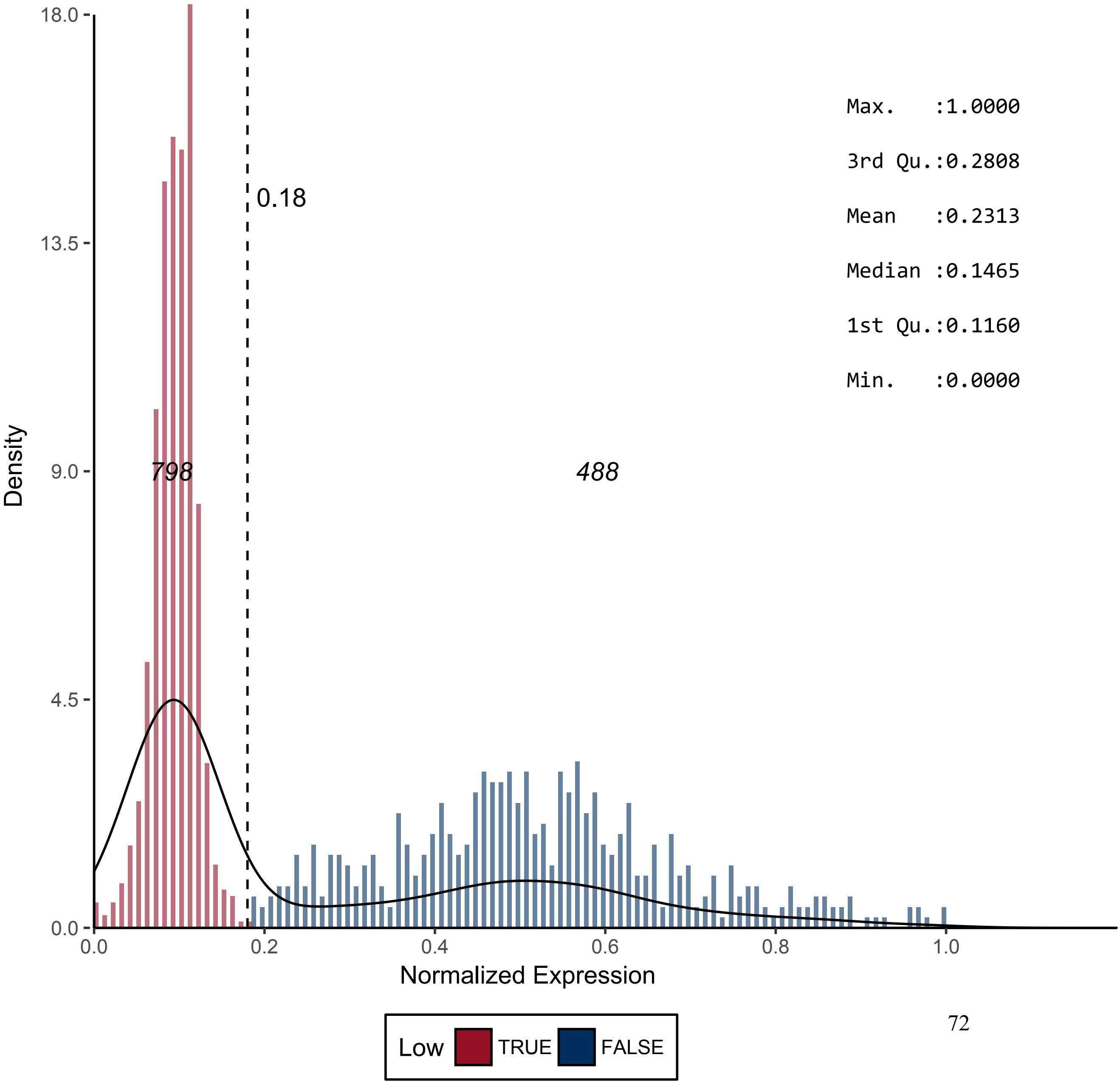


Figure 54 - CD49B*
31.00
23.25
15.50
7.75
0.00
Density
0.1
666
620
Max.   :1.0000
3rd Qu.:0.2504
Mean   :0.2514
Median :0.2115
1st Qu.:0.1798
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

Figure 55 - CD49C*



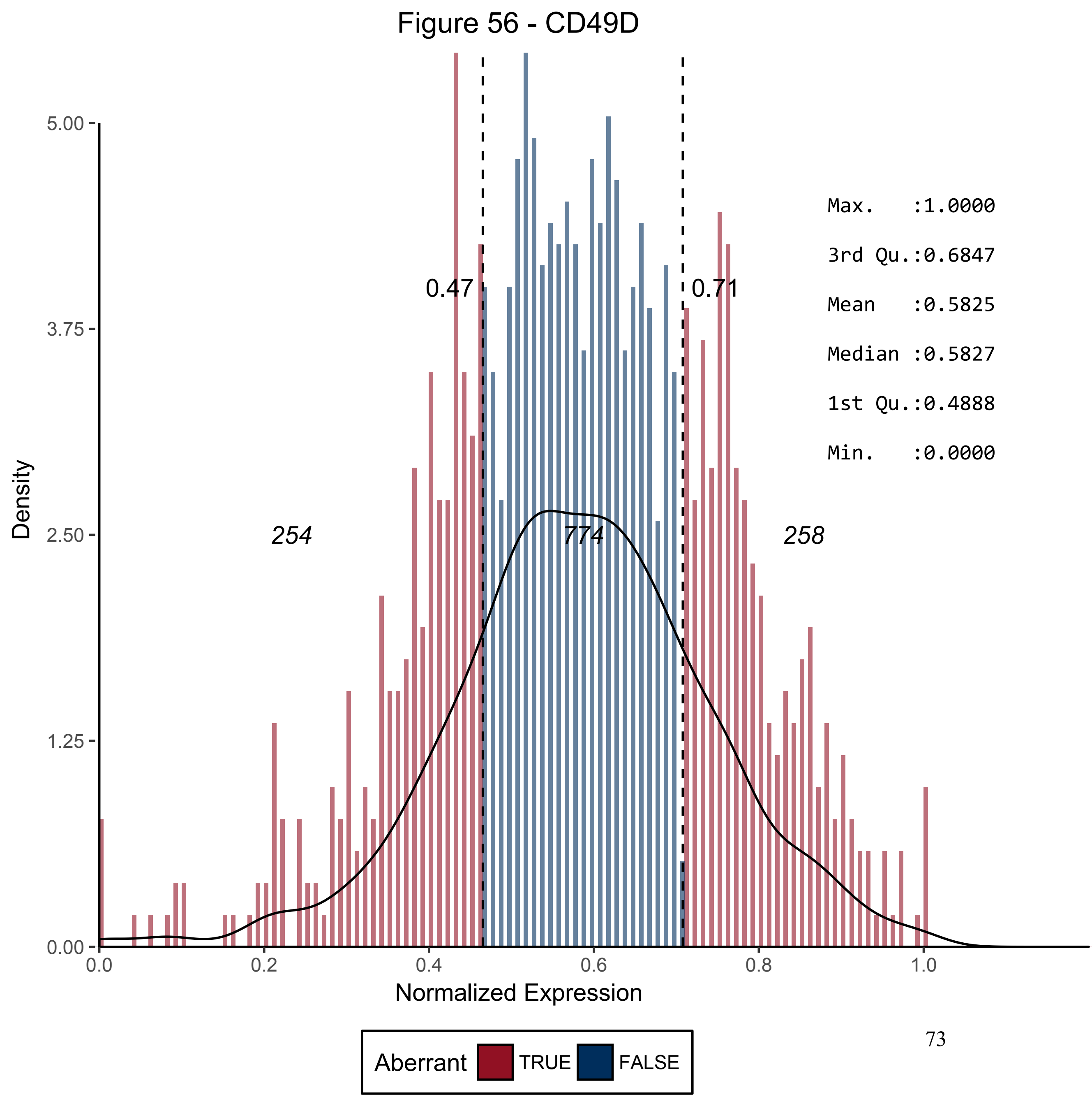


Figure 56 - CD49D
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.47
0.71
254
774
258
Max.   :1.0000
3rd Qu.:0.6847
Mean   :0.5825
Median :0.5827
1st Qu.:0.4888
Min.   :0.0000
Aberrant
TRUE
FALSE

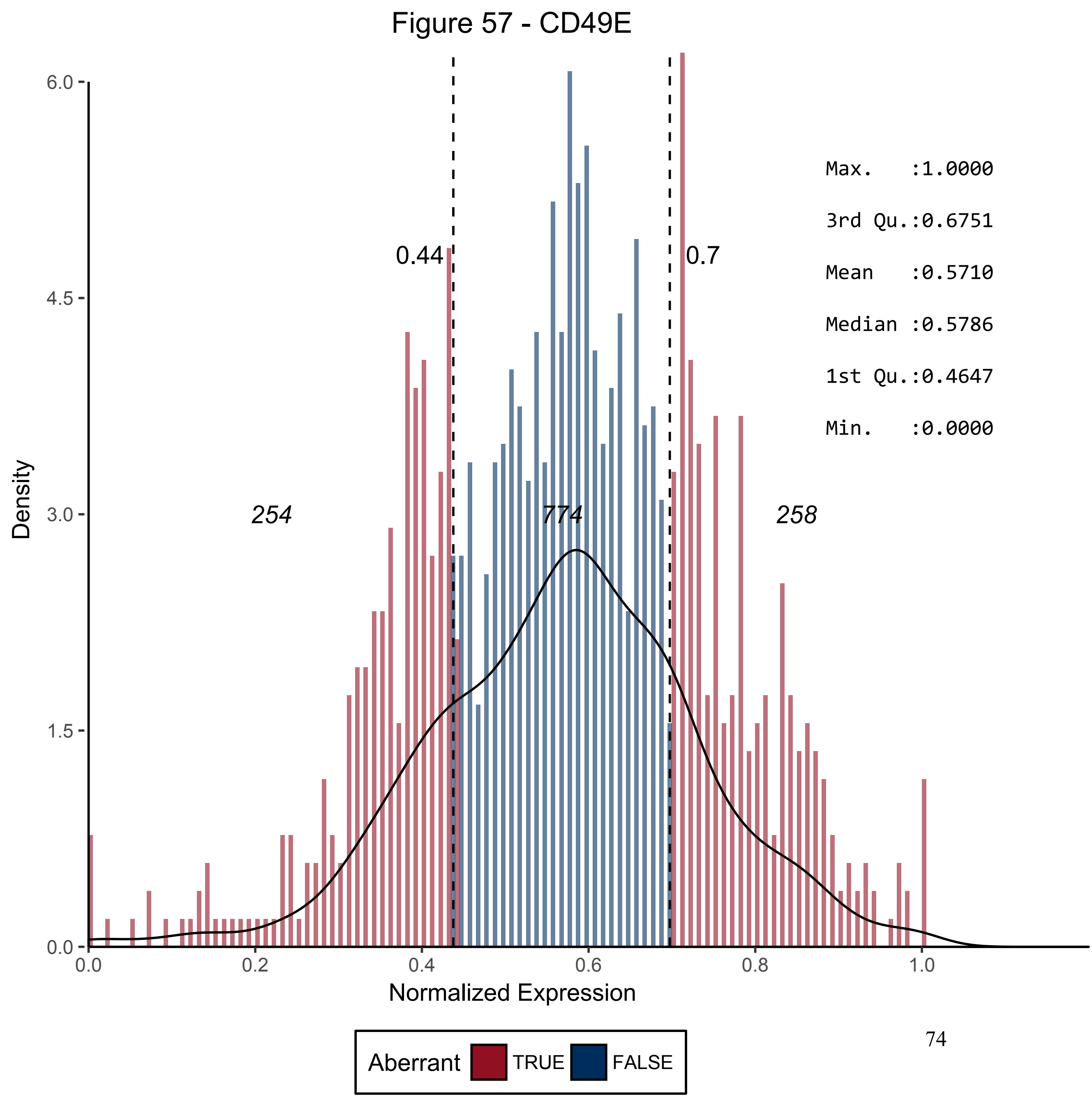


Figure 57 - CD49E
Max. :1.0000
3rd Qu.:0.6751
Mean :0.5710
Median :0.5786
1st Qu.:0.4647
Min. :0.0000
0.44
0.7
254
774
258
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 58 - CD49F

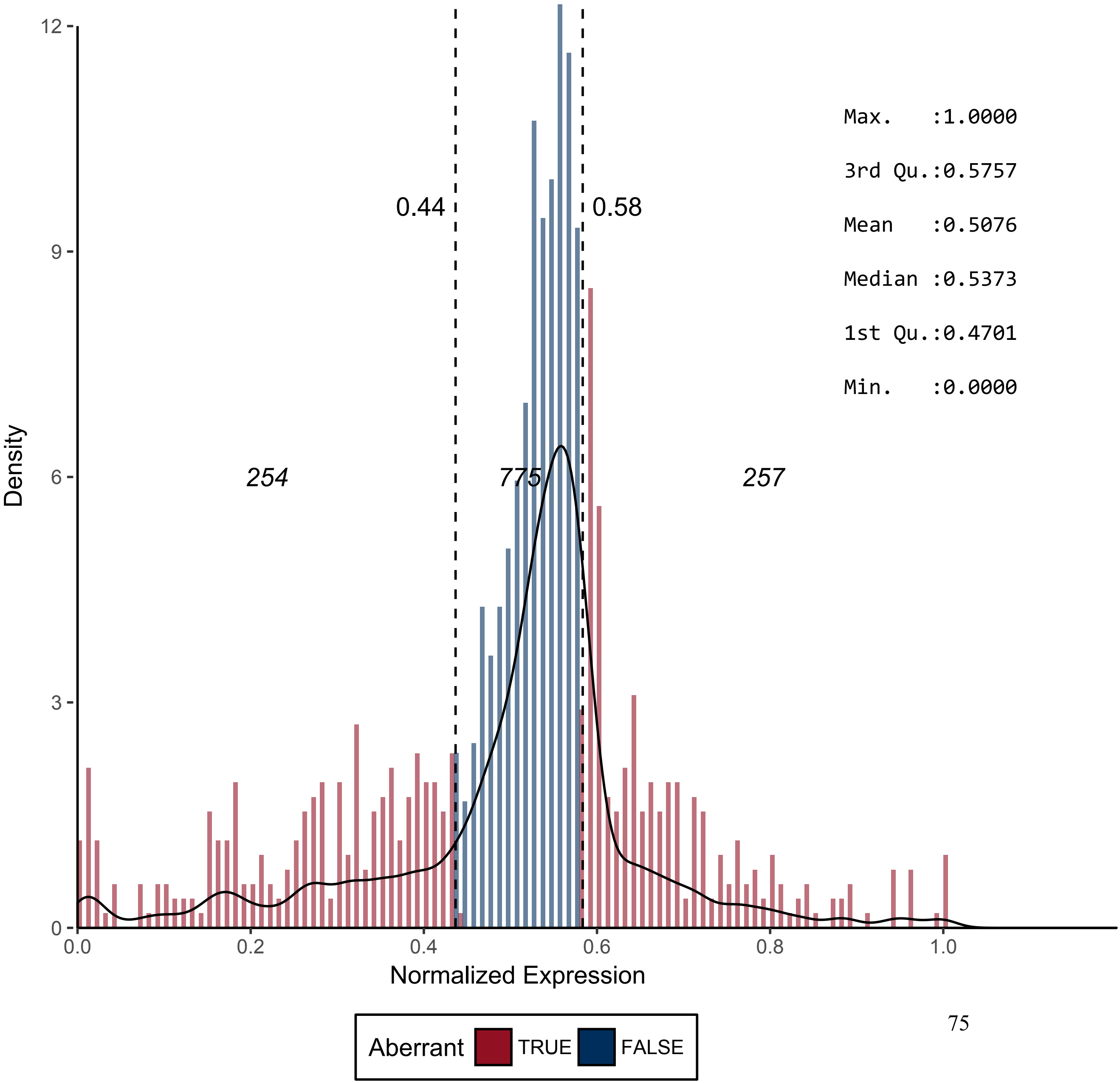
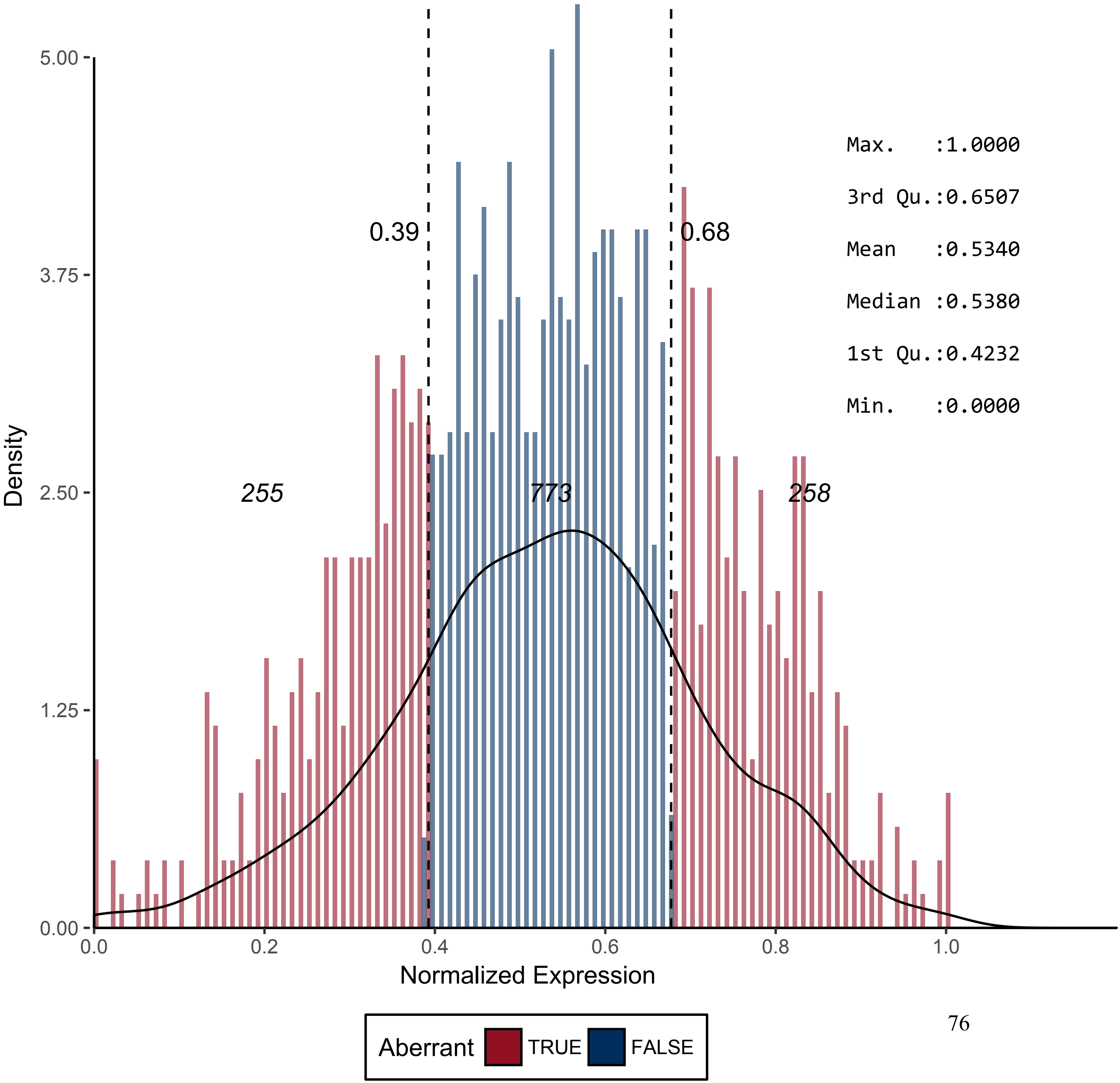


Figure 59 - CD50



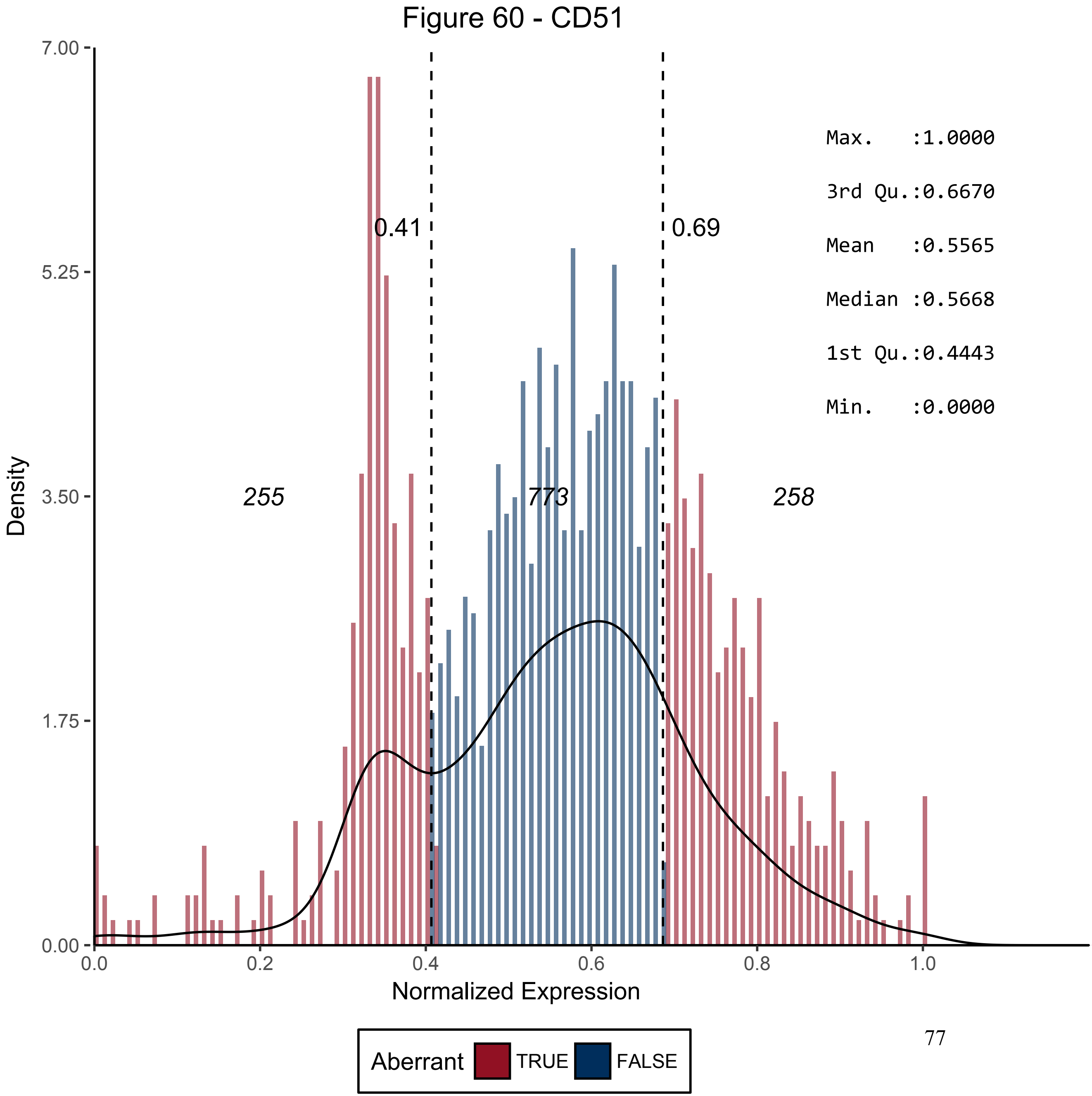
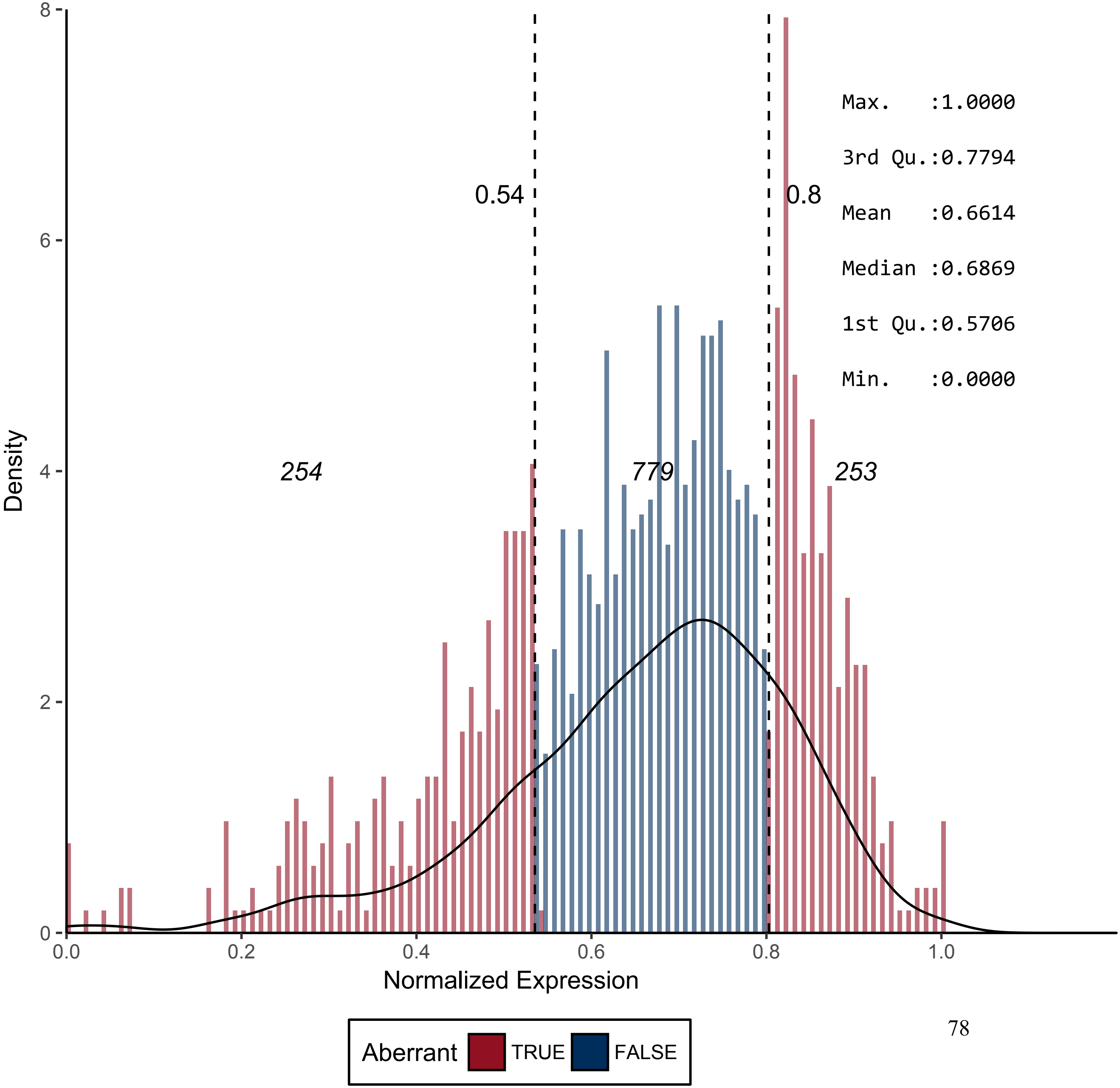


Figure 60 - CD51
7.00
5.25
3.50
1.75
0.00
Density
0.41
0.69
255
773
258
Max. :1.0000
3rd Qu.:0.6670
Mean :0.5565
Median :0.5668
1st Qu.:0.4443
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 61 - CD52



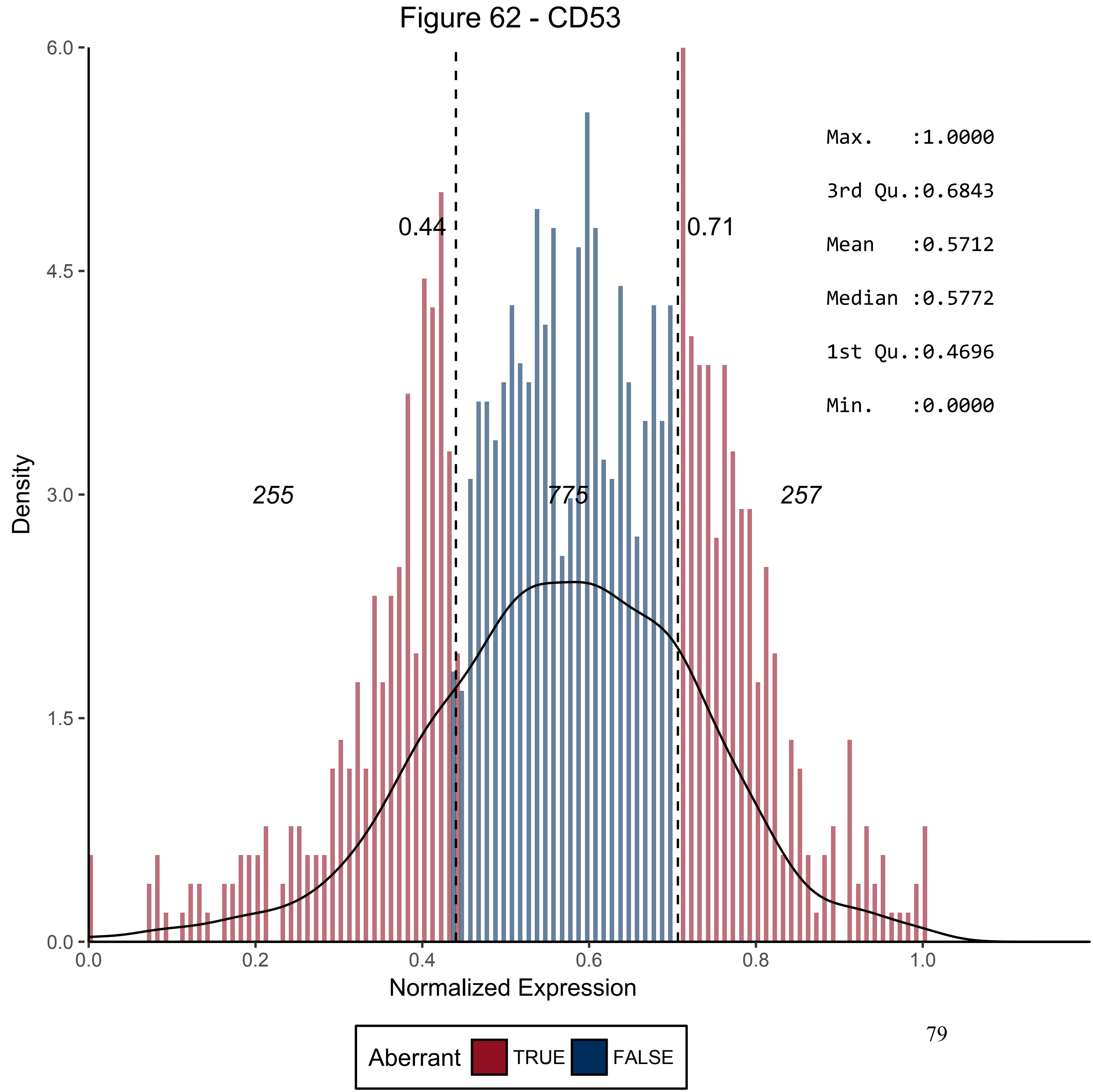


Figure 62 - CD53
Max.   :1.0000
3rd Qu.:0.6843
Mean   :0.5712
Median :0.5772
1st Qu.:0.4696
Min.   :0.0000
0.44
0.71
255
775
257
Density
Normalized Expression
Aberrant
TRUE
FALSE
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0

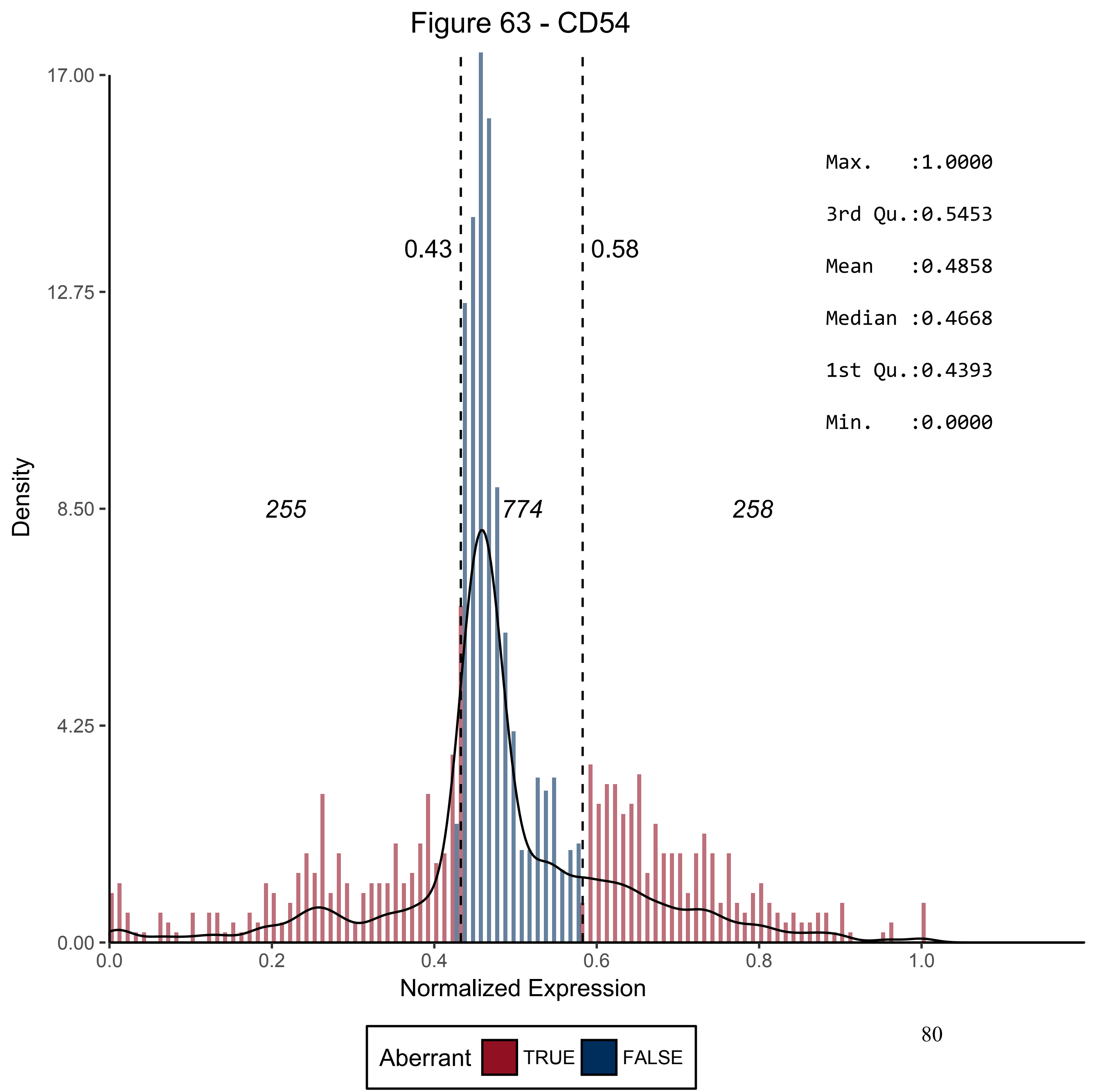


Figure 63 - CD54
Max. :1.0000
3rd Qu.:0.5453
Mean :0.4858
Median :0.4668
1st Qu.:0.4393
Min. :0.0000
0.43
0.58
255
774
258
Density
17.00
12.75
8.50
4.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

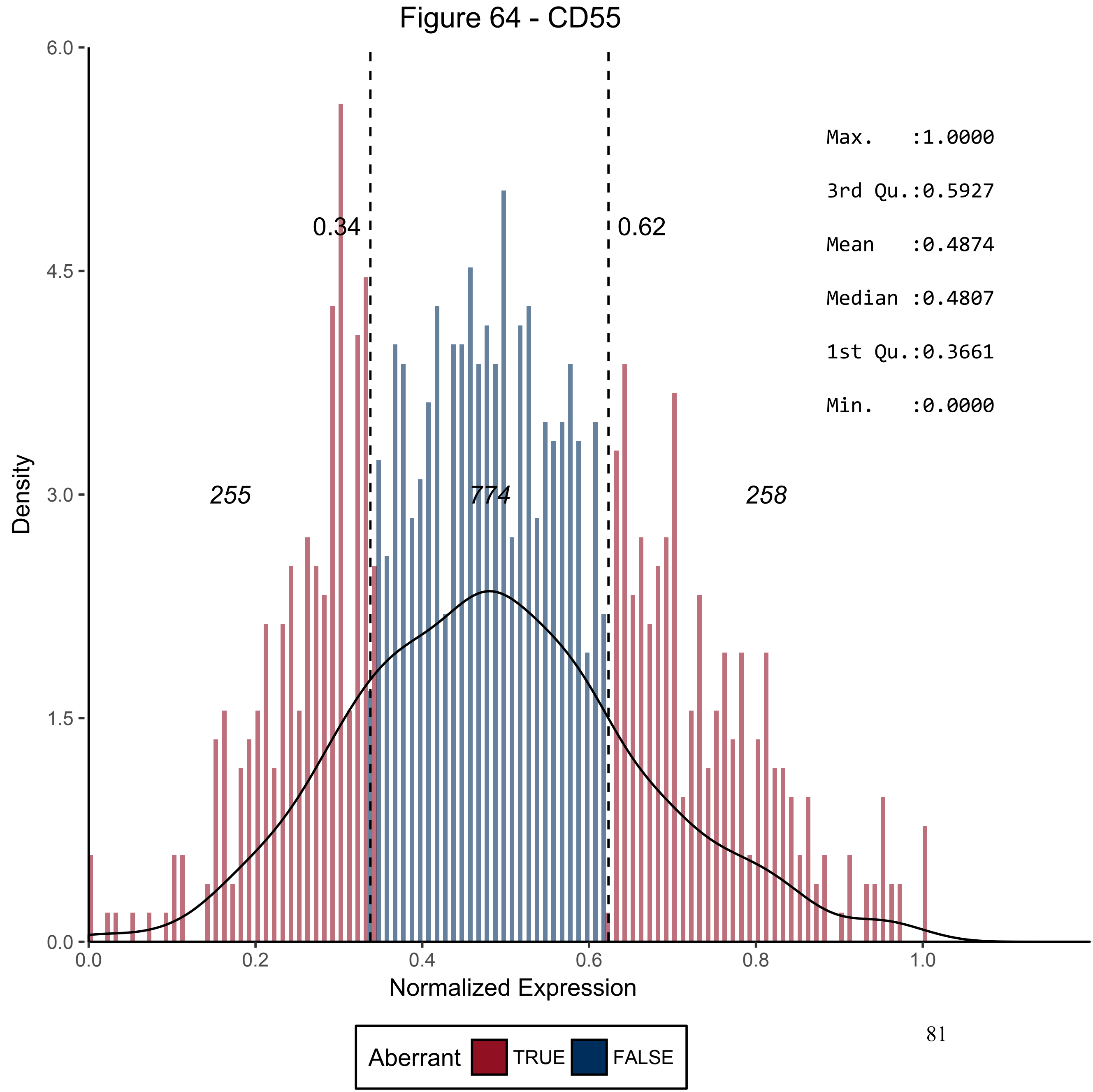


Figure 64 - CD55
Max. :1.0000
3rd Qu.:0.5927
Mean :0.4874
Median :0.4807
1st Qu.:0.3661
Min. :0.0000
0.34
0.62
255
774
258
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

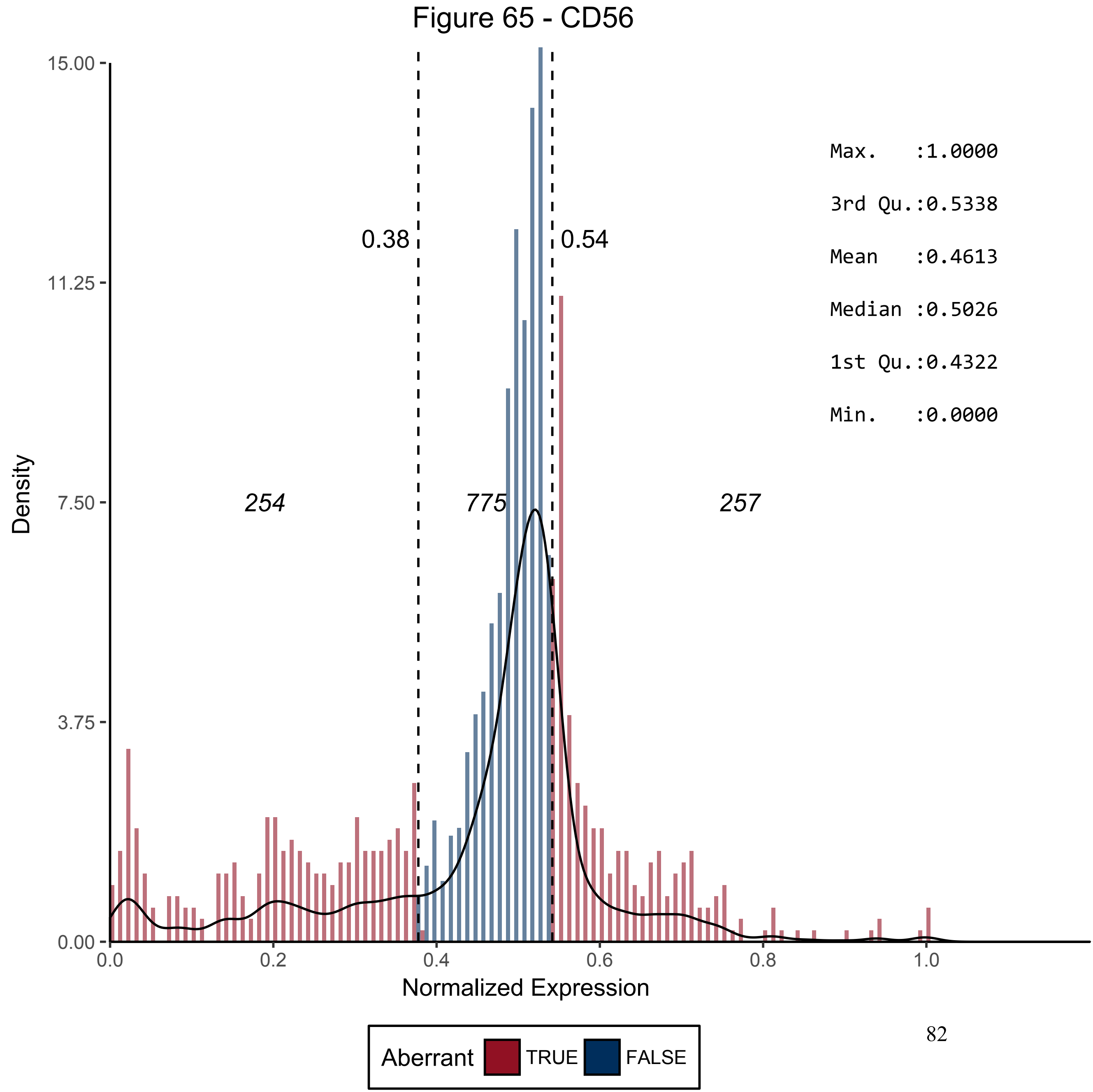
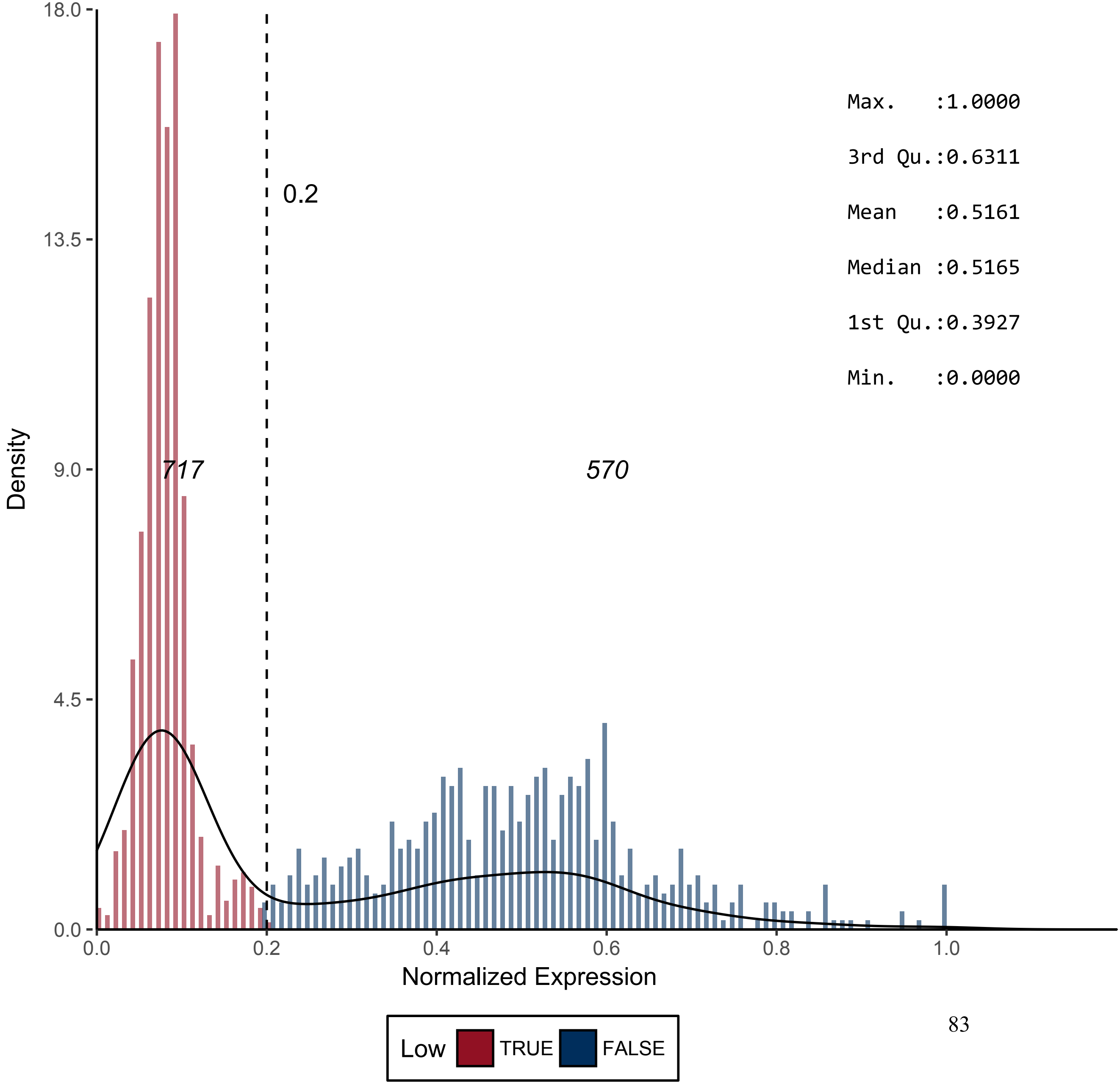


Figure 65 - CD56
Max.   :1.0000
3rd Qu.:0.5338
Mean   :0.4613
Median :0.5026
1st Qu.:0.4322
Min.   :0.0000
0.38
0.54
254
775
257
Density
15.00
11.25
7.50
3.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 66 - CD57*



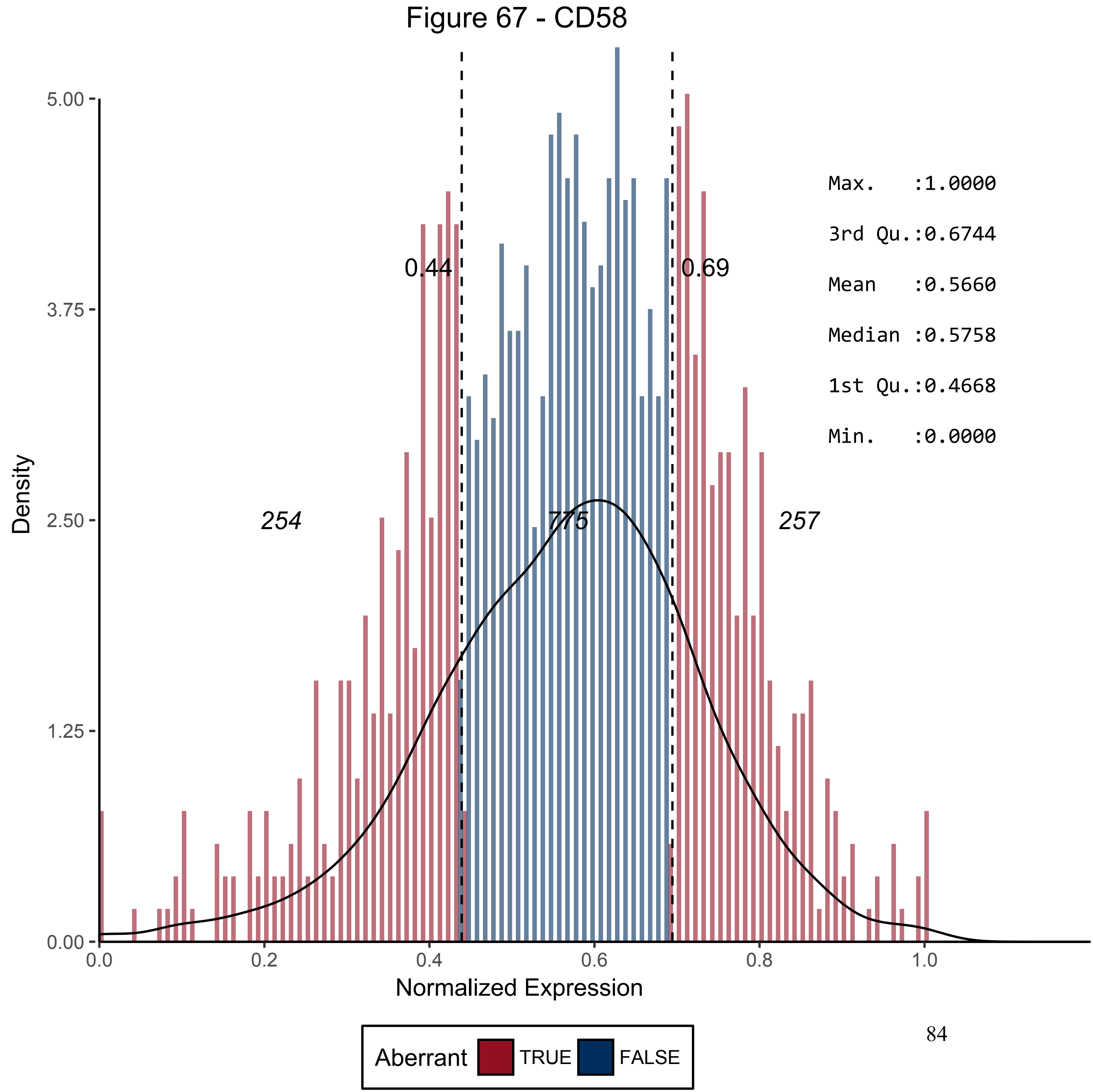


Figure 67 - CD58
Max.   :1.0000
3rd Qu.:0.6744
Mean   :0.5660
Median :0.5758
1st Qu.:0.4668
Min.   :0.0000
0.44
0.69
254
775
257
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

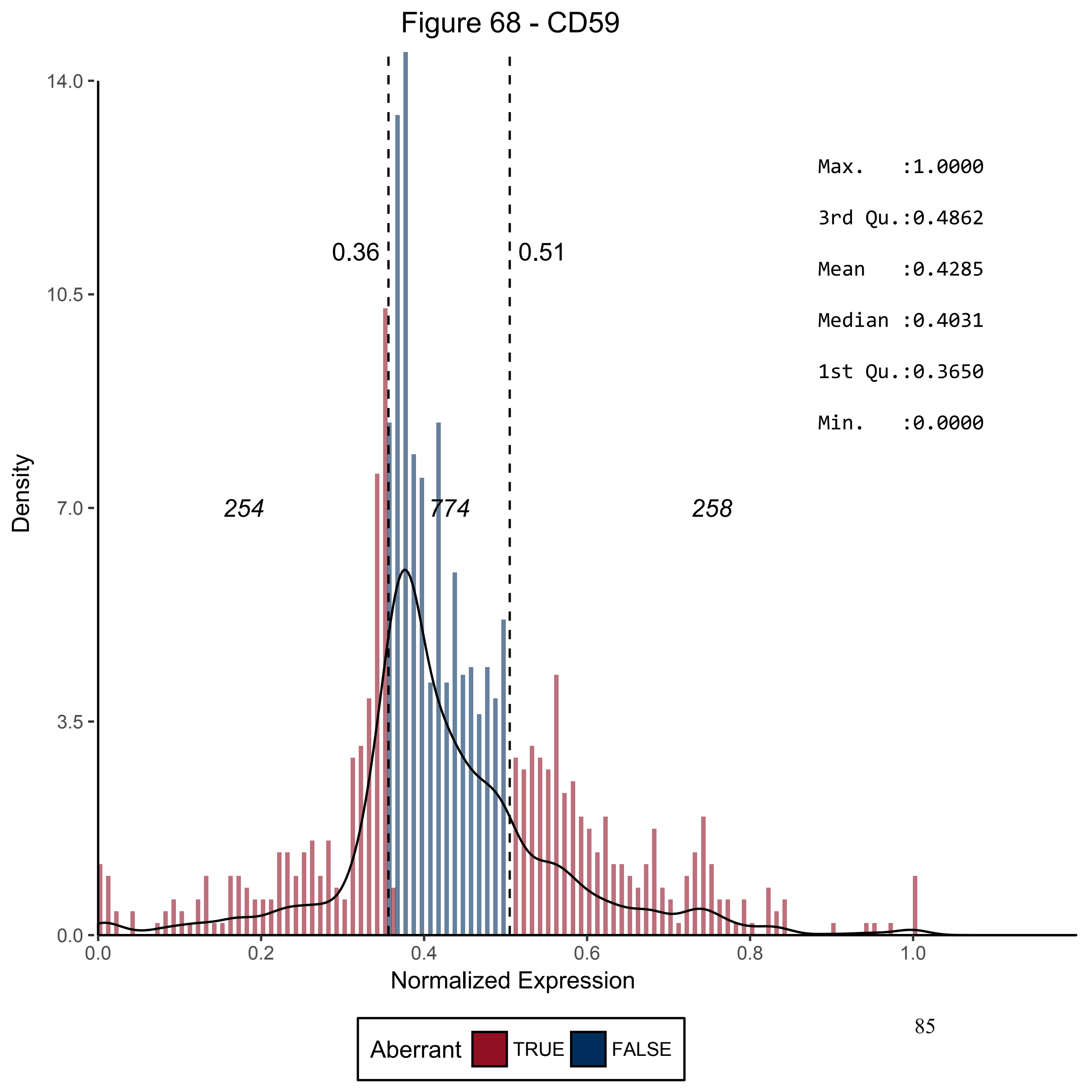


Figure 68 - CD59
Max.   :1.0000
3rd Qu.:0.4862
Mean   :0.4285
Median :0.4031
1st Qu.:0.3650
Min.   :0.0000
0.36
0.51
254
774
258
Density
Normalized Expression
14.0
10.5
7.0
3.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

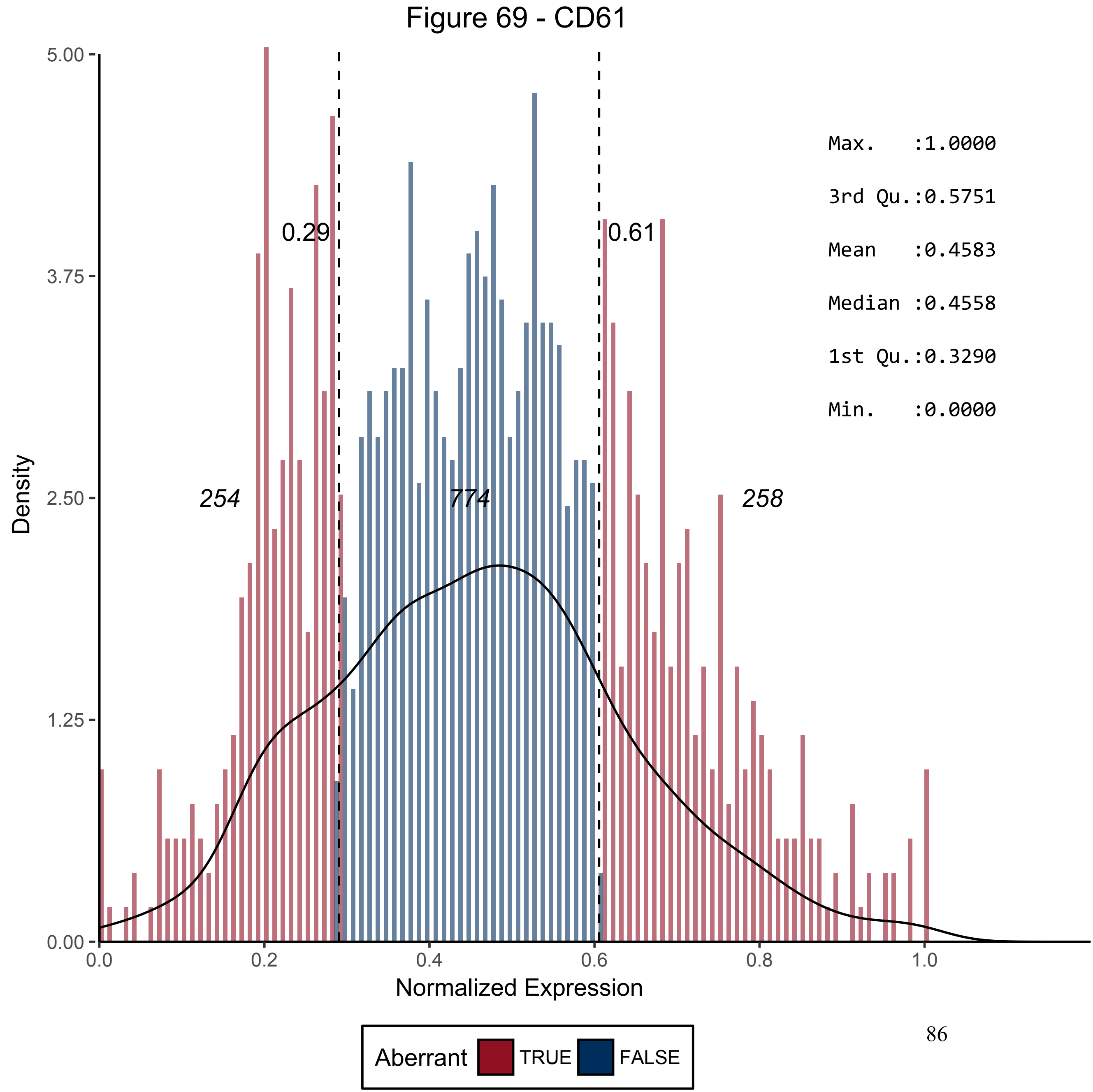


Figure 69 - CD61
Max. :1.0000
3rd Qu.:0.5751
Mean :0.4583
Median :0.4558
1st Qu.:0.3290
Min. :0.0000
0.29
0.61
254
774
258
Density
Normalized Expression
0.00
1.25
2.50
3.75
5.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

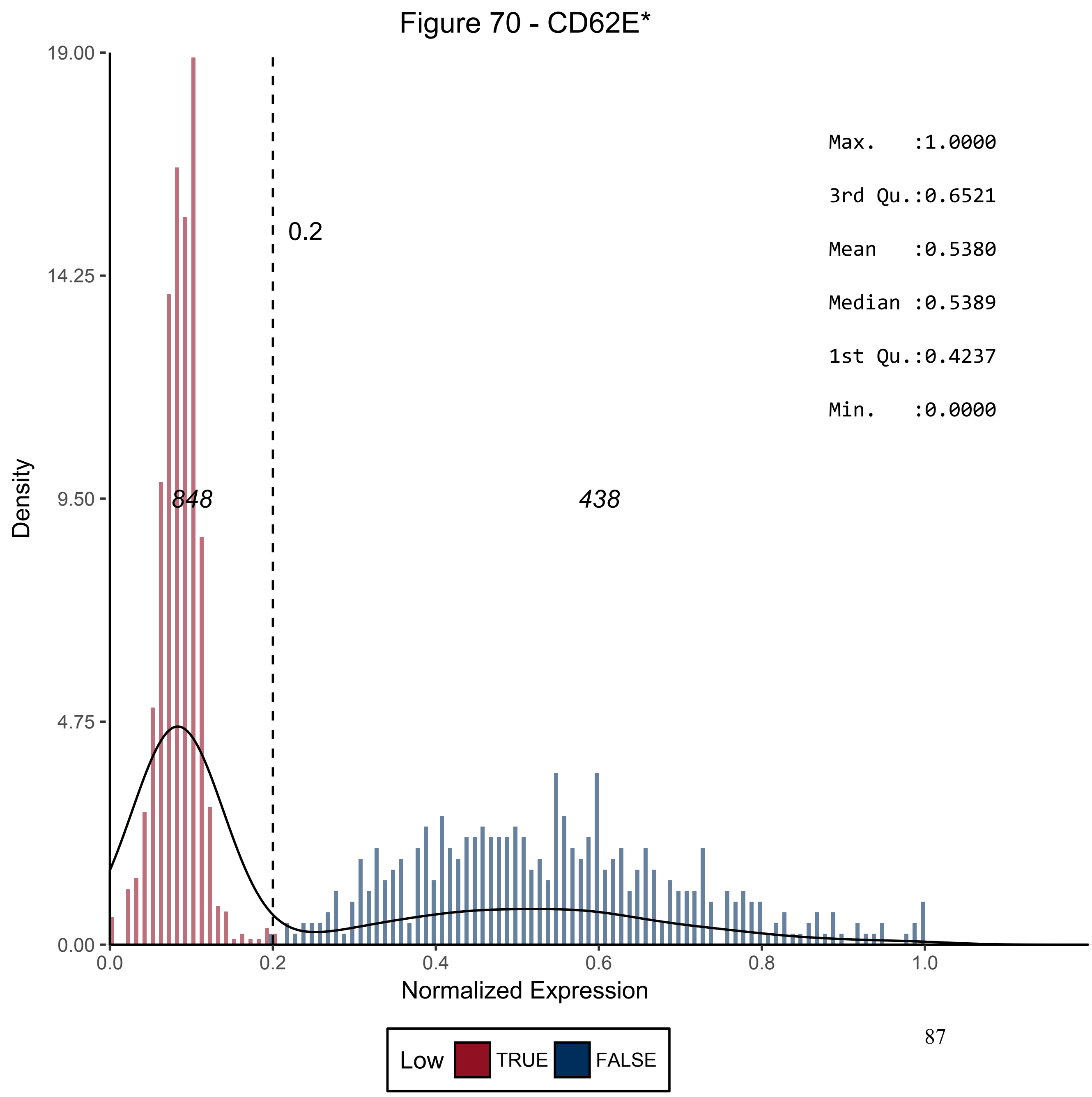


Figure 70 - CD62E*
19.00
14.25
9.50
4.75
0.00
Density
0.2
848
438
Max. :1.0000
3rd Qu.:0.6521
Mean :0.5380
Median :0.5389
1st Qu.:0.4237
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

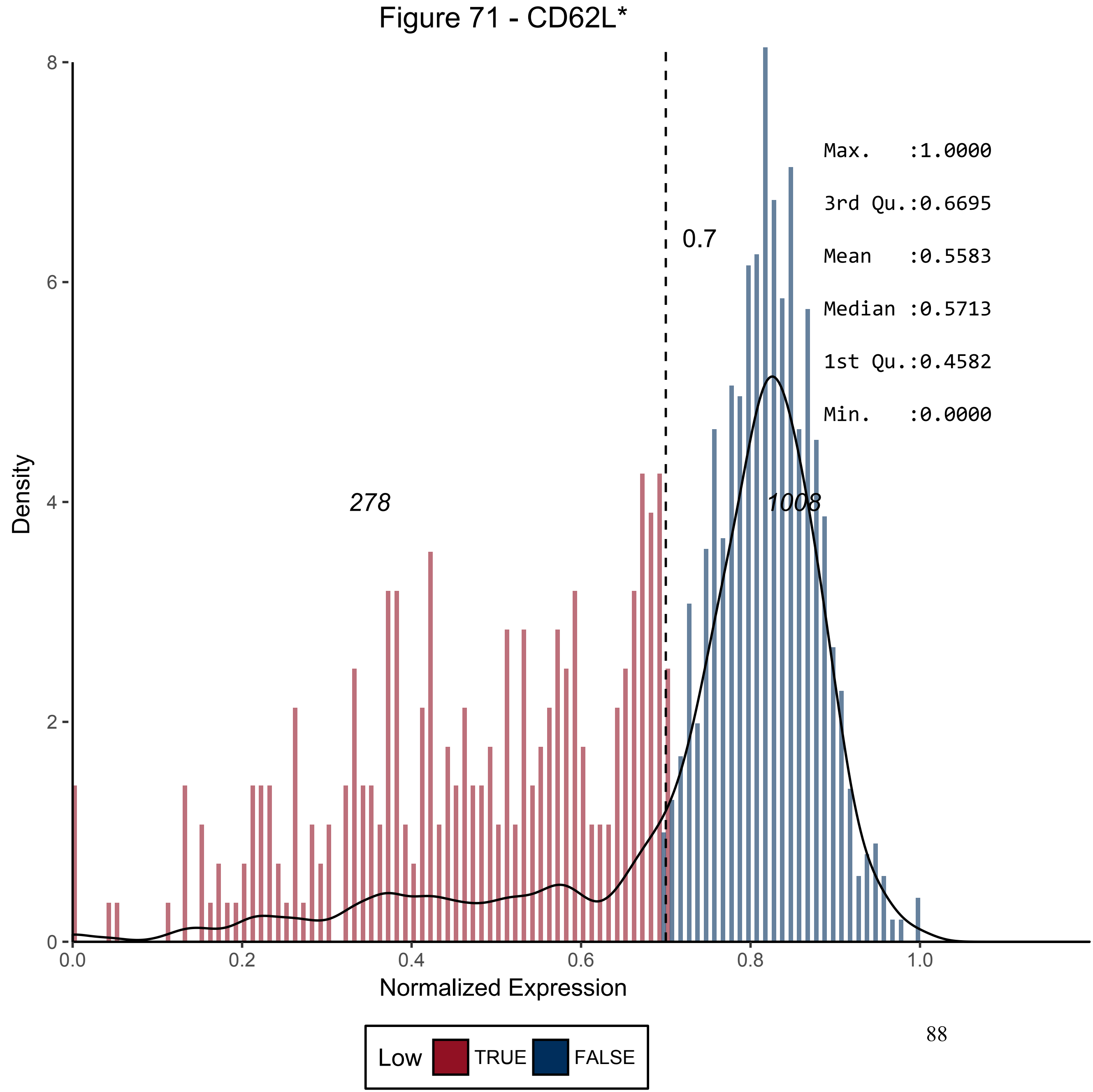


Figure 71 - CD62L*
Max. :1.0000
3rd Qu.:0.6695
Mean :0.5583
Median :0.5713
1st Qu.:0.4582
Min. :0.0000
0.7
278
1008
Density
Normalized Expression
0 2 4 6 8
0.0 0.2 0.4 0.6 0.8 1.0
Low TRUE FALSE

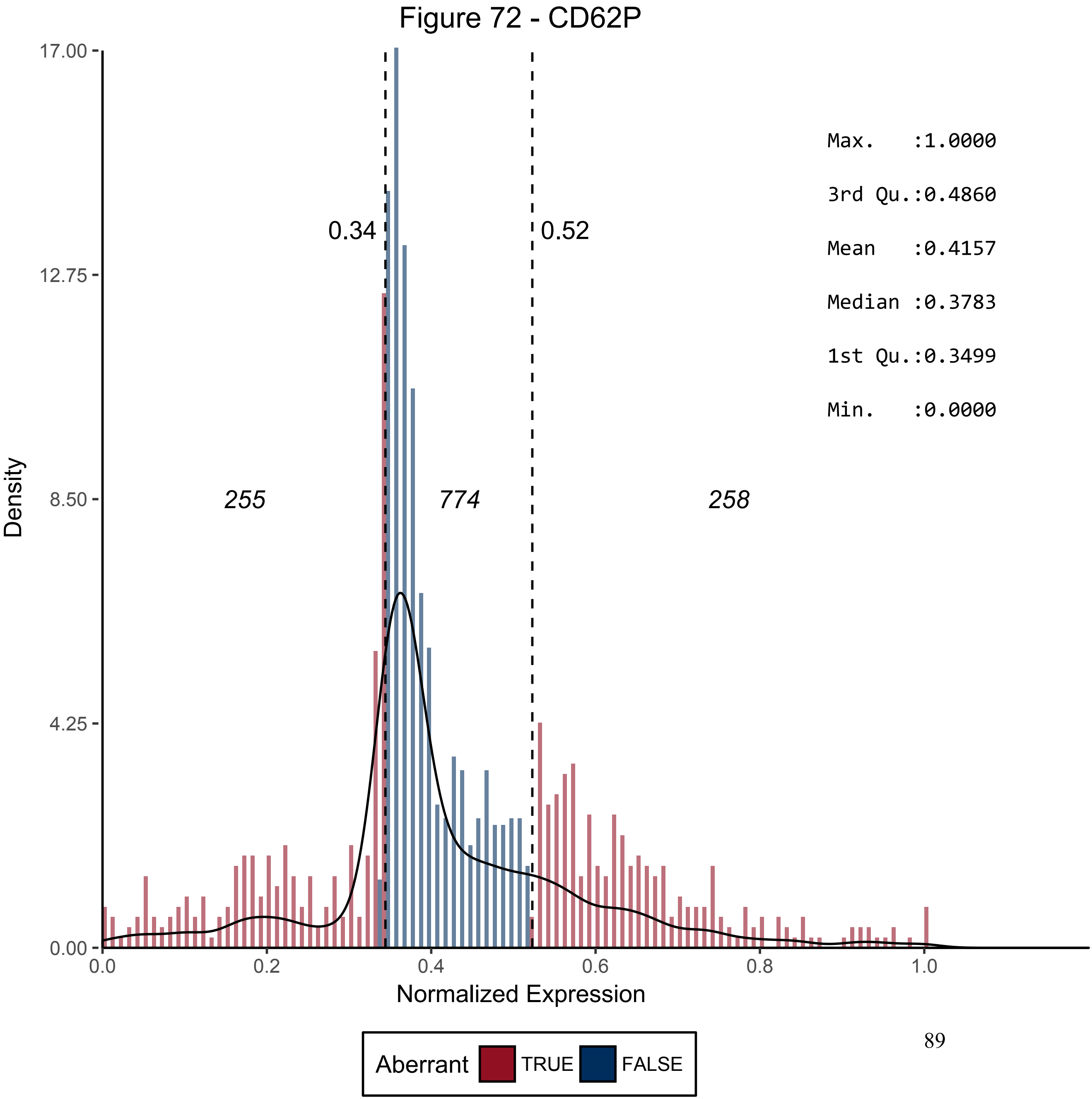


Figure 72 - CD62P
17.00
12.75
8.50
4.25
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.34
0.52
255
774
258
Max.   :1.0000
3rd Qu.:0.4860
Mean   :0.4157
Median :0.3783
1st Qu.:0.3499
Min.   :0.0000
Aberrant
TRUE
FALSE

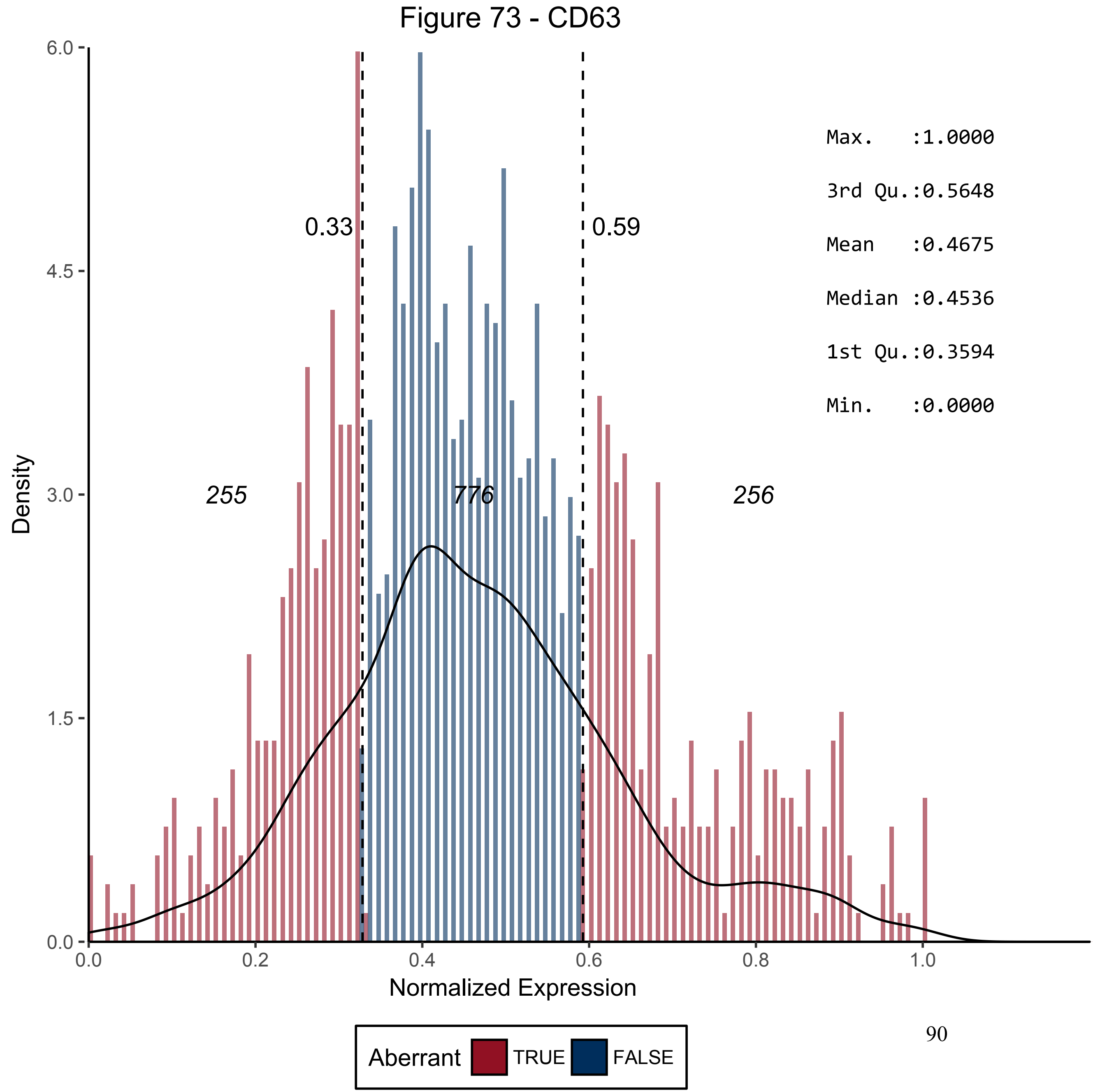


Figure 73 - CD63
Max.   :1.0000
3rd Qu.:0.5648
Mean   :0.4675
Median :0.4536
1st Qu.:0.3594
Min.   :0.0000
0.33
0.59
255
776
256
Density
Normalized Expression
Aberrant
TRUE
FALSE

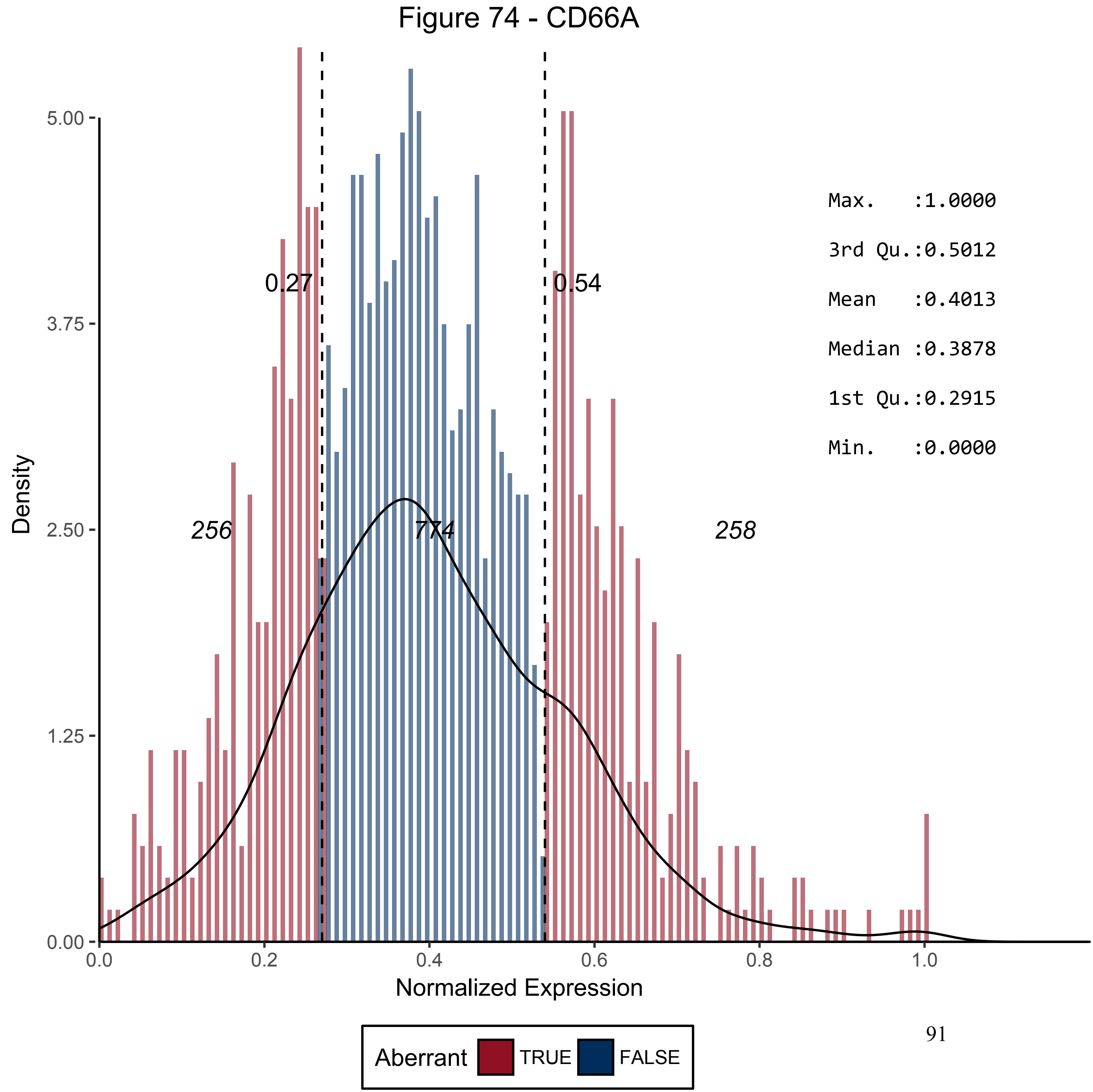


Figure 74 - CD66A
Max.   :1.0000
3rd Qu.:0.5012
Mean   :0.4013
Median :0.3878
1st Qu.:0.2915
Min.   :0.0000
0.27
0.54
256
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

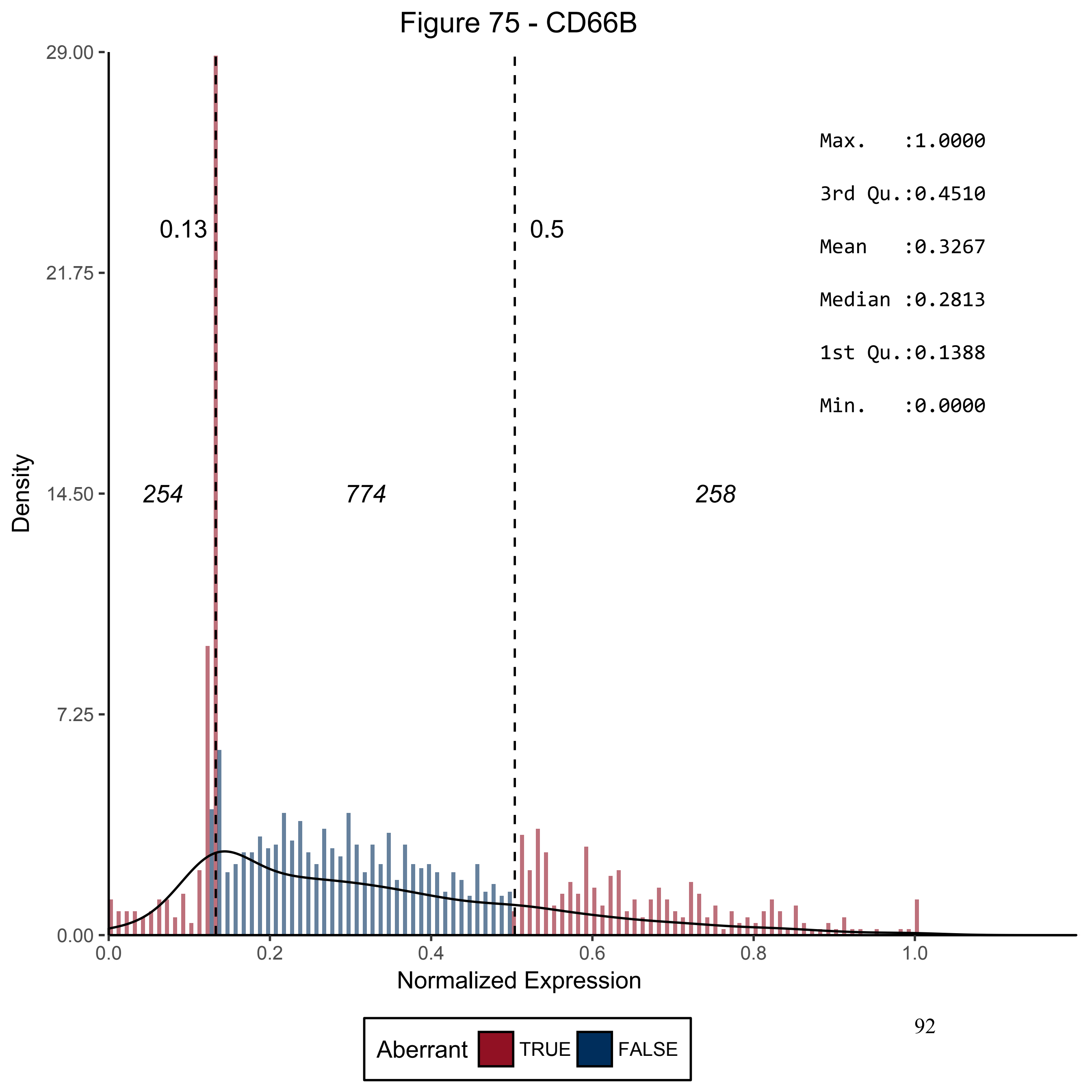


Figure 75 - CD66B
29.00
21.75
14.50
7.25
0.00
Density
0.13
0.5
254
774
258
Max. :1.0000
3rd Qu.:0.4510
Mean :0.3267
Median :0.2813
1st Qu.:0.1388
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

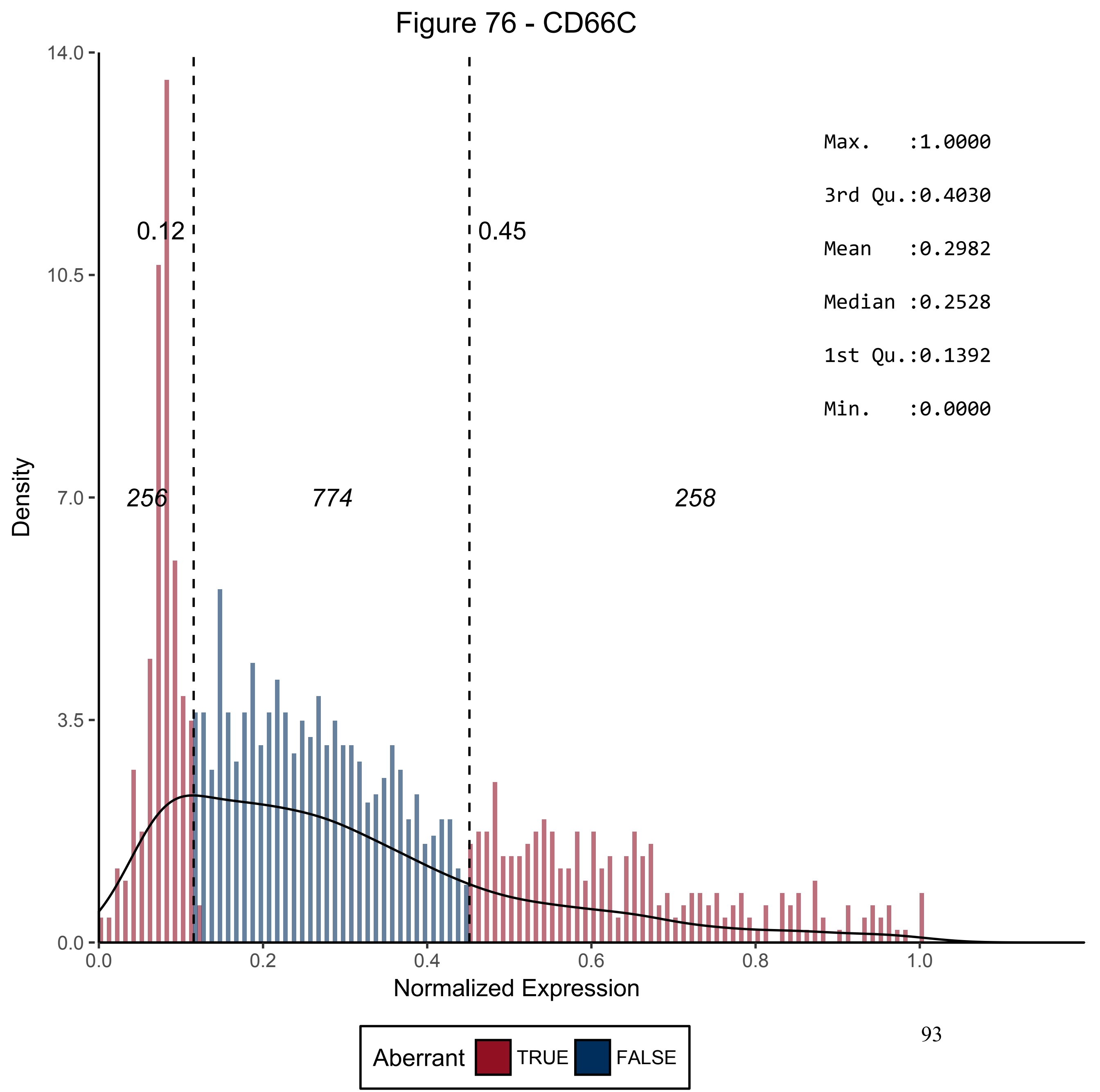
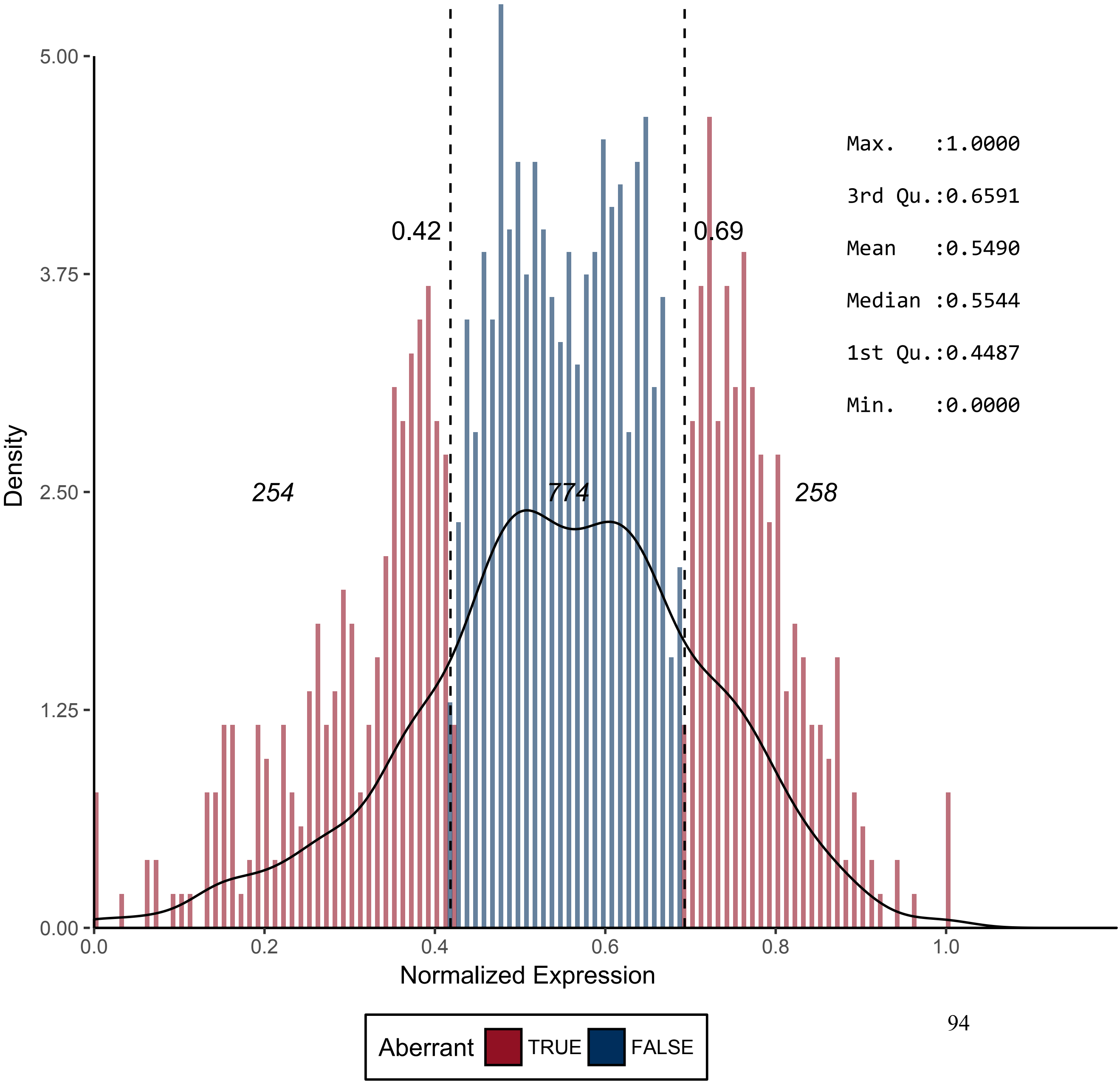


Figure 76 - CD66C
Density
Normalized Expression
0.12
0.45
256
774
258
Max. :1.0000
3rd Qu.:0.4030
Mean :0.2982
Median :0.2528
1st Qu.:0.1392
Min. :0.0000
14.0
10.5
7.0
3.5
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 77 - CD66D



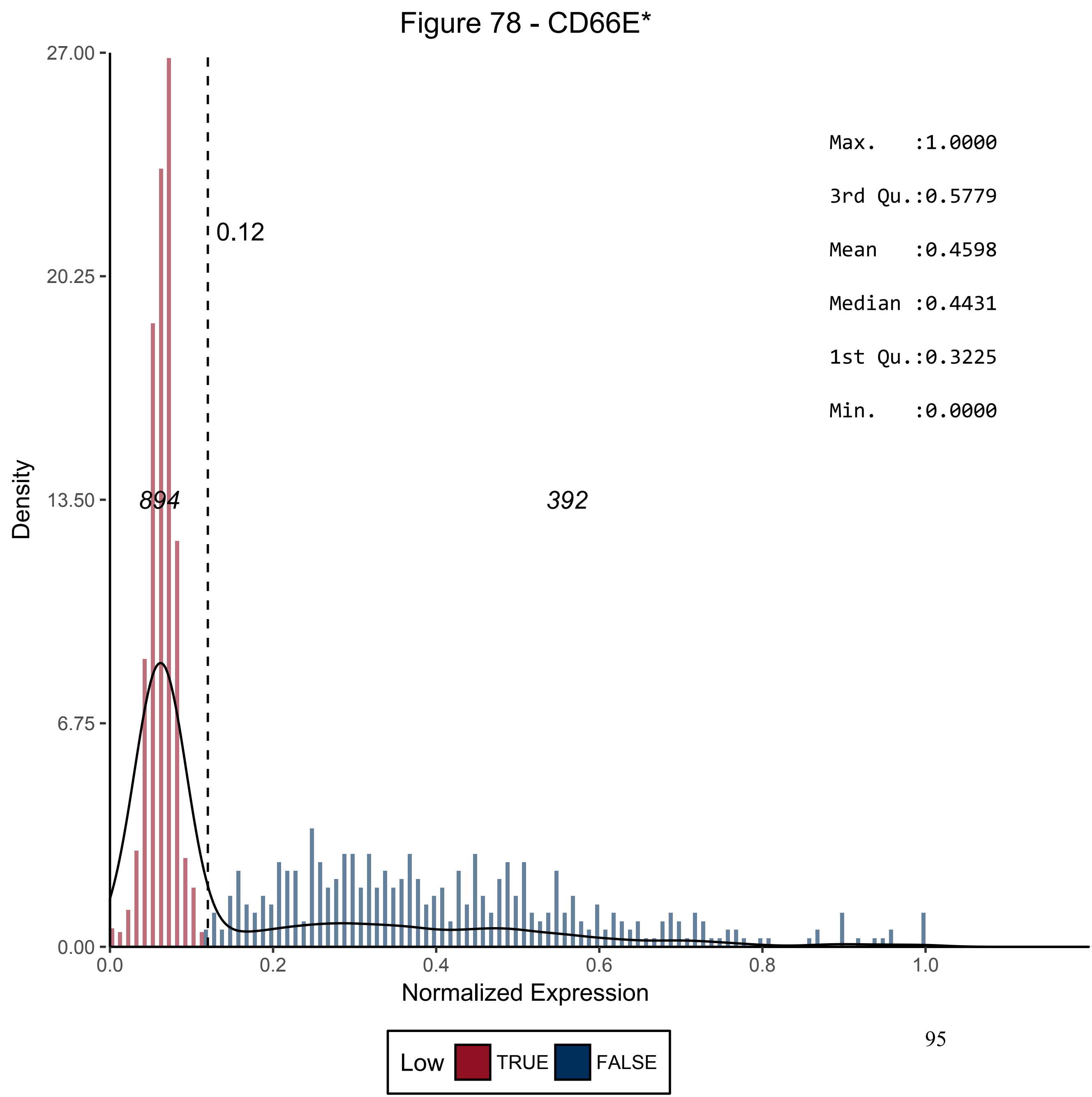


Figure 78 - CD66E*
27.00
20.25
13.50
6.75
0.00
Density
0.12
894
392
Max.   :1.0000
3rd Qu.:0.5779
Mean   :0.4598
Median :0.4431
1st Qu.:0.3225
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

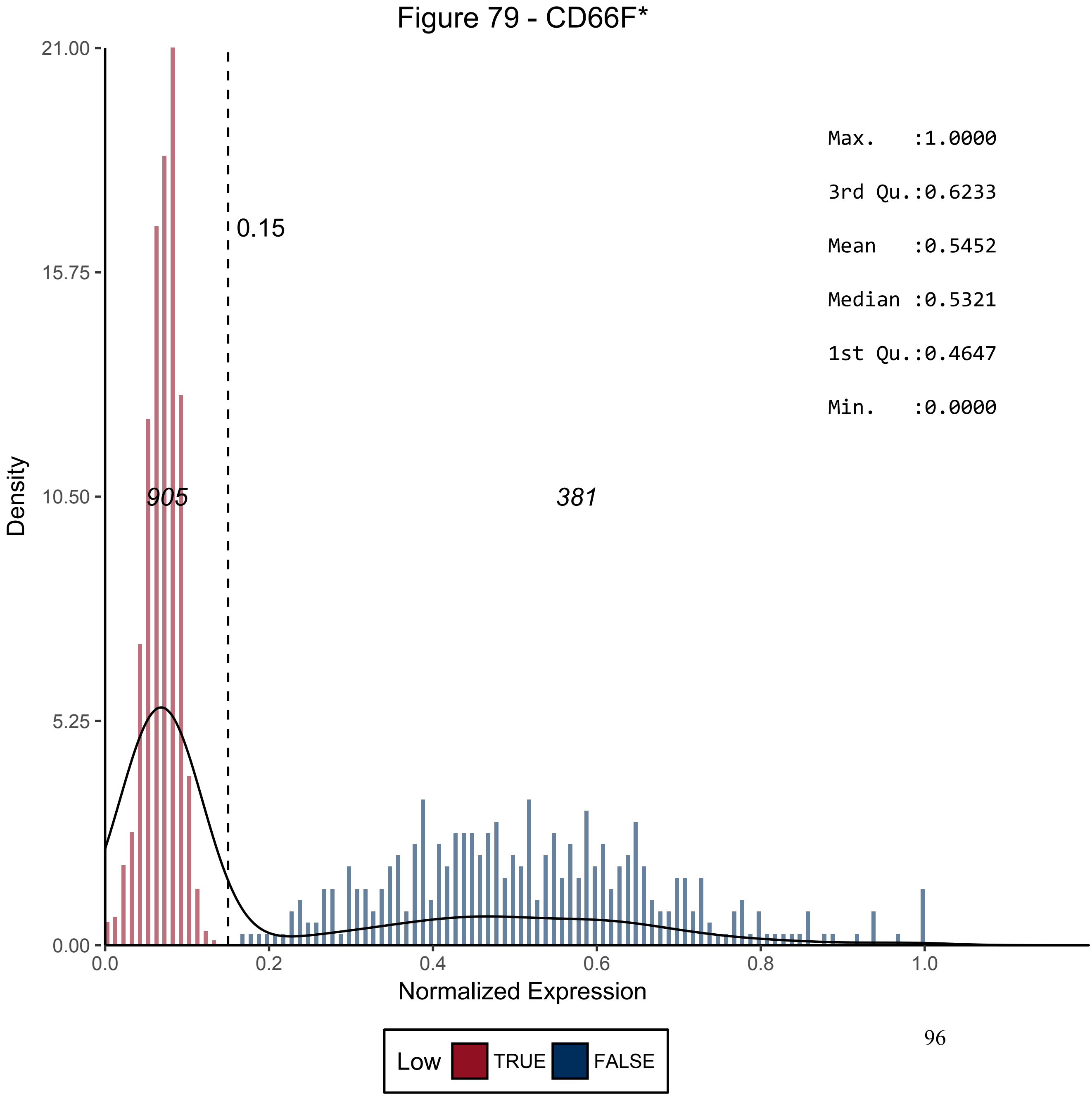


Figure 79 - CD66F*
Max.   :1.0000
3rd Qu.:0.6233
Mean   :0.5452
Median :0.5321
1st Qu.:0.4647
Min.   :0.0000
0.15
905
381
21.00
15.75
10.50
5.25
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

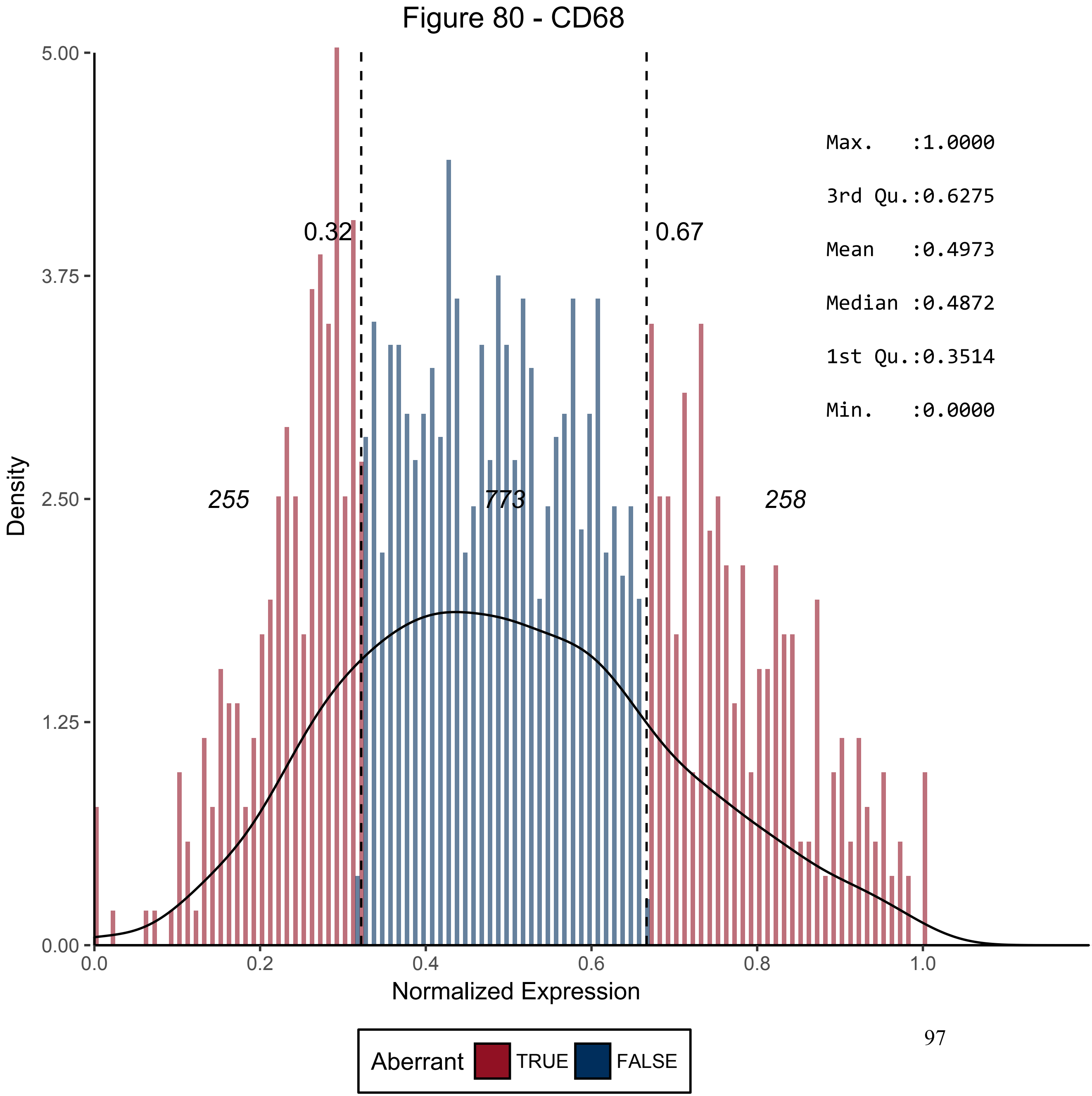


Figure 80 - CD68
Max.   :1.0000
3rd Qu.:0.6275
Mean   :0.4973
Median :0.4872
1st Qu.:0.3514
Min.   :0.0000
0.32
0.67
255
773
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

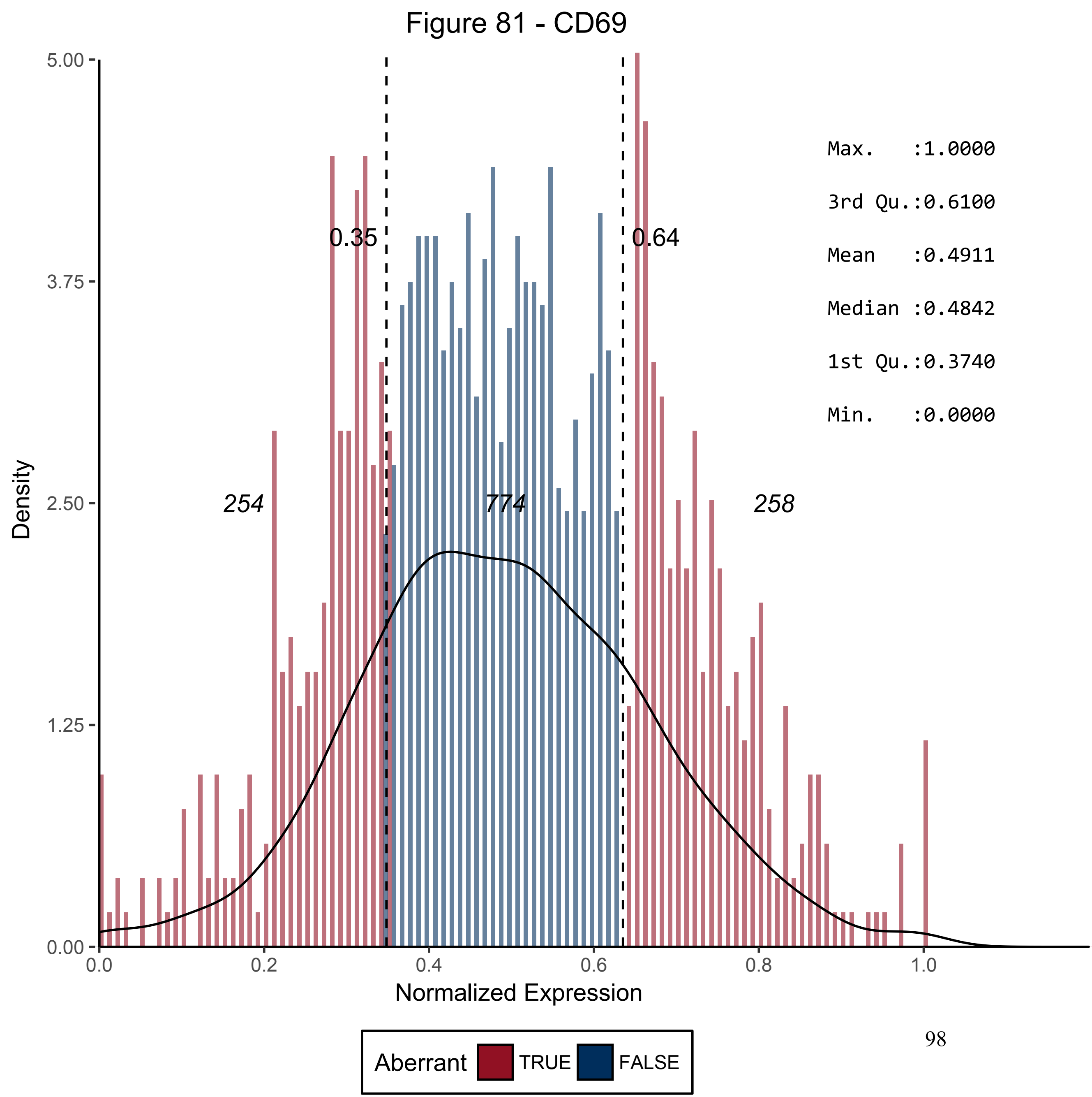


Figure 81 - CD69
Max. :1.0000
3rd Qu.:0.6100
Mean :0.4911
Median :0.4842
1st Qu.:0.3740
Min. :0.0000
0.35
0.64
254
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

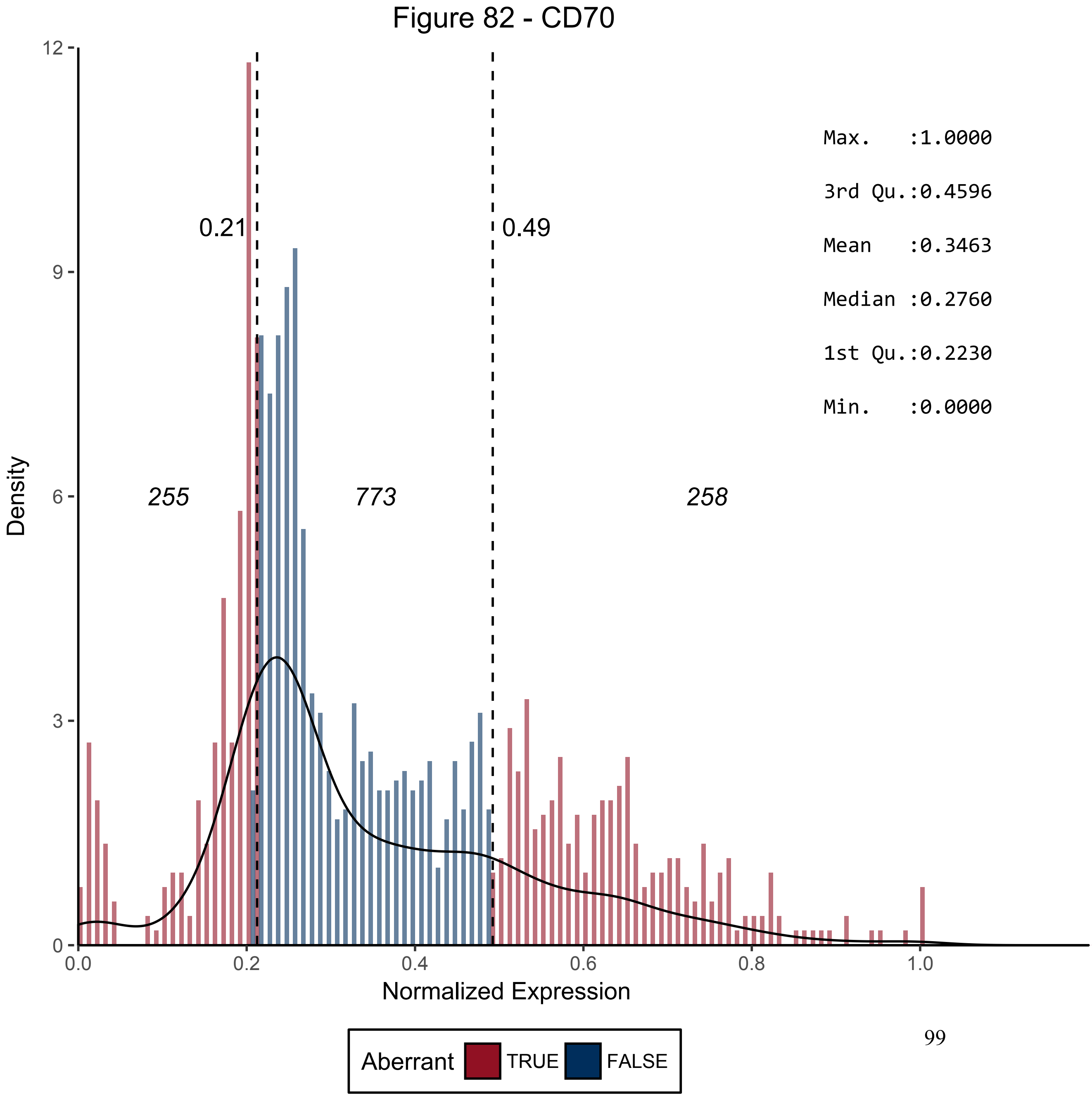


Figure 82 - CD70
Density
Normalized Expression
0.21
0.49
255
773
258
Max. :1.0000
3rd Qu.:0.4596
Mean :0.3463
Median :0.2760
1st Qu.:0.2230
Min. :0.0000
0
3
6
9
12
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

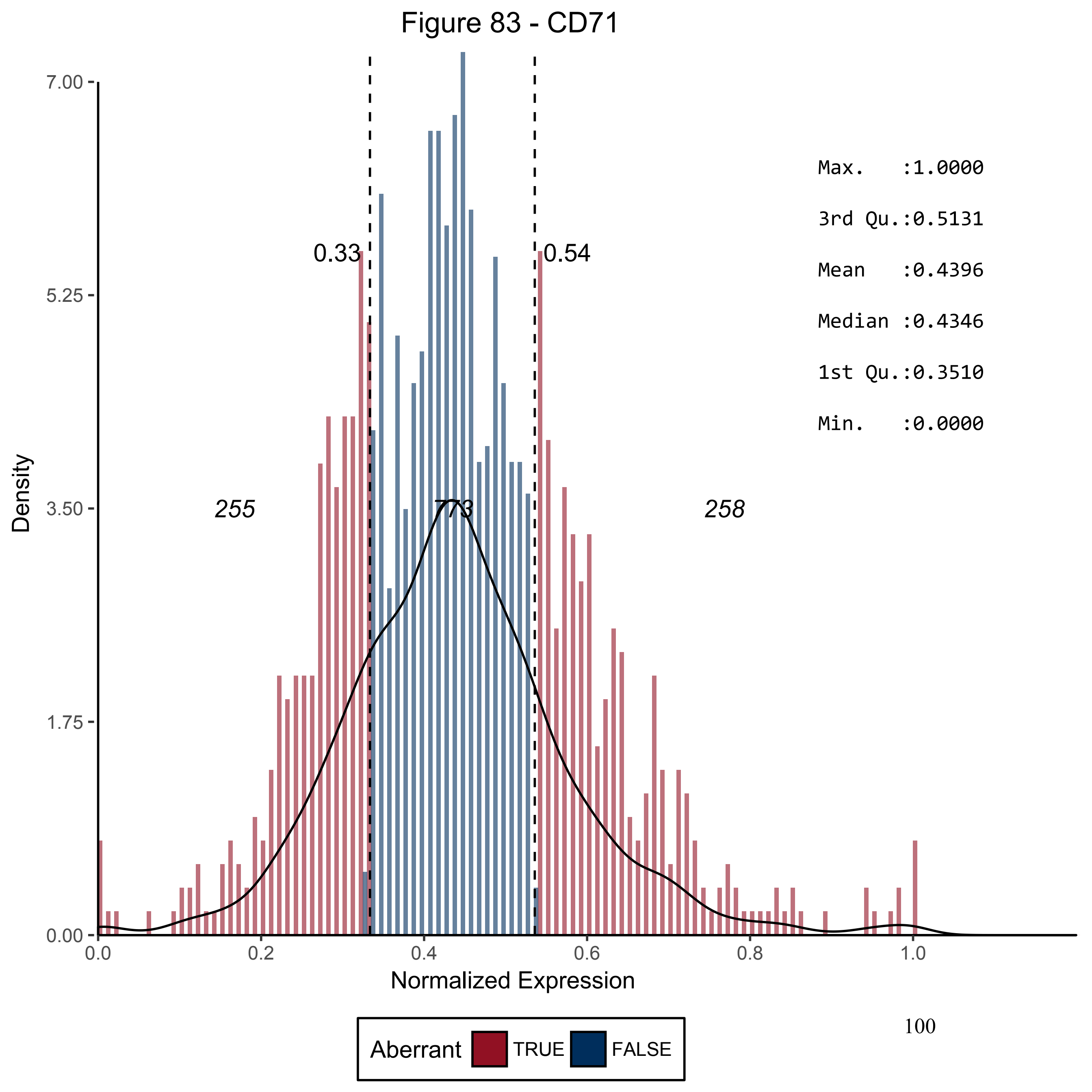


Figure 83 - CD71
Max. :1.0000
3rd Qu.:0.5131
Mean :0.4396
Median :0.4346
1st Qu.:0.3510
Min. :0.0000
0.33
0.54
255
773
258
Density
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

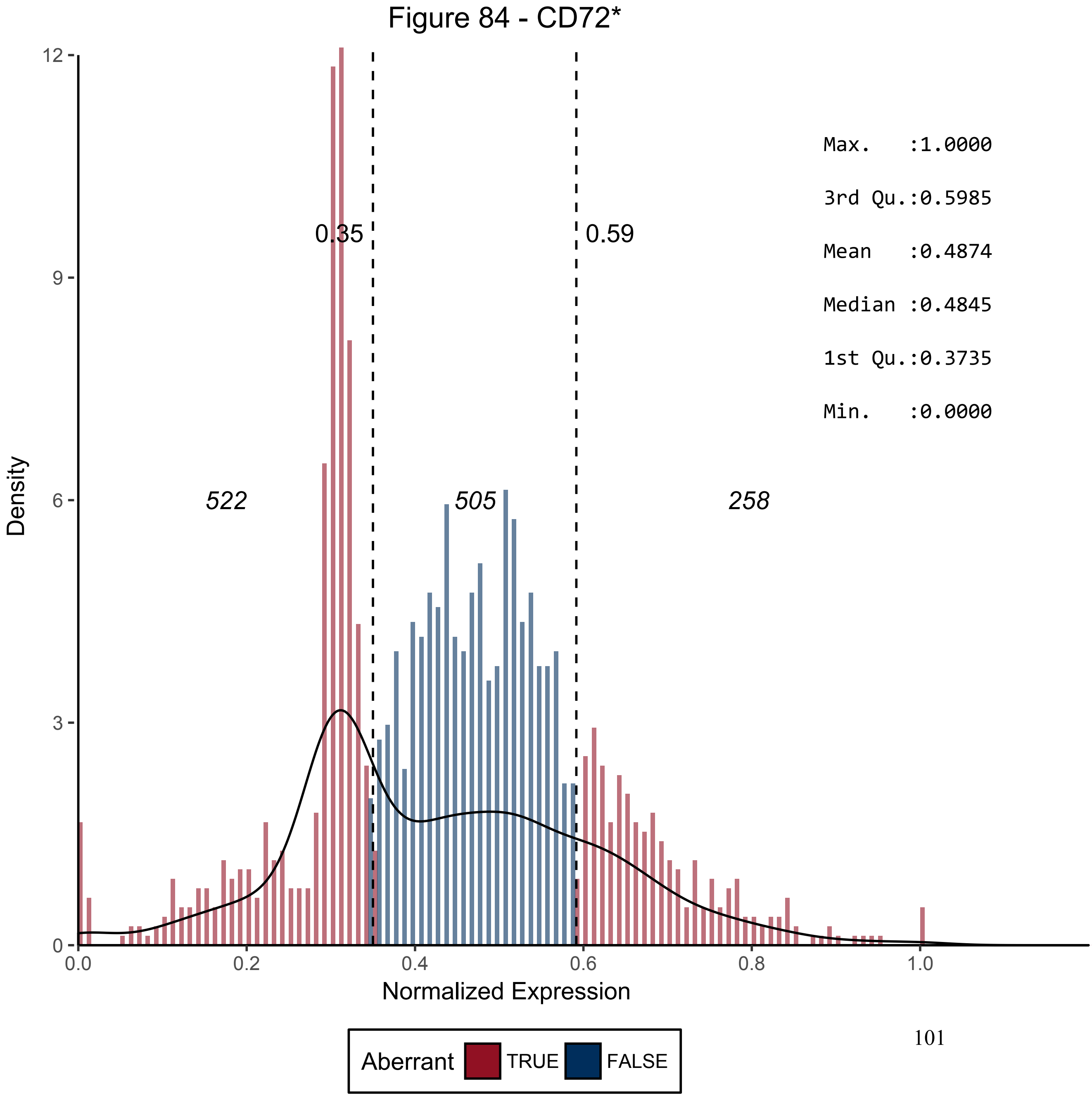


Figure 84 - CD72*
Max. :1.0000
3rd Qu.:0.5985
Mean :0.4874
Median :0.4845
1st Qu.:0.3735
Min. :0.0000
0.35
0.59
522
505
258
Density
Normalized Expression
0
3
6
9
12
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

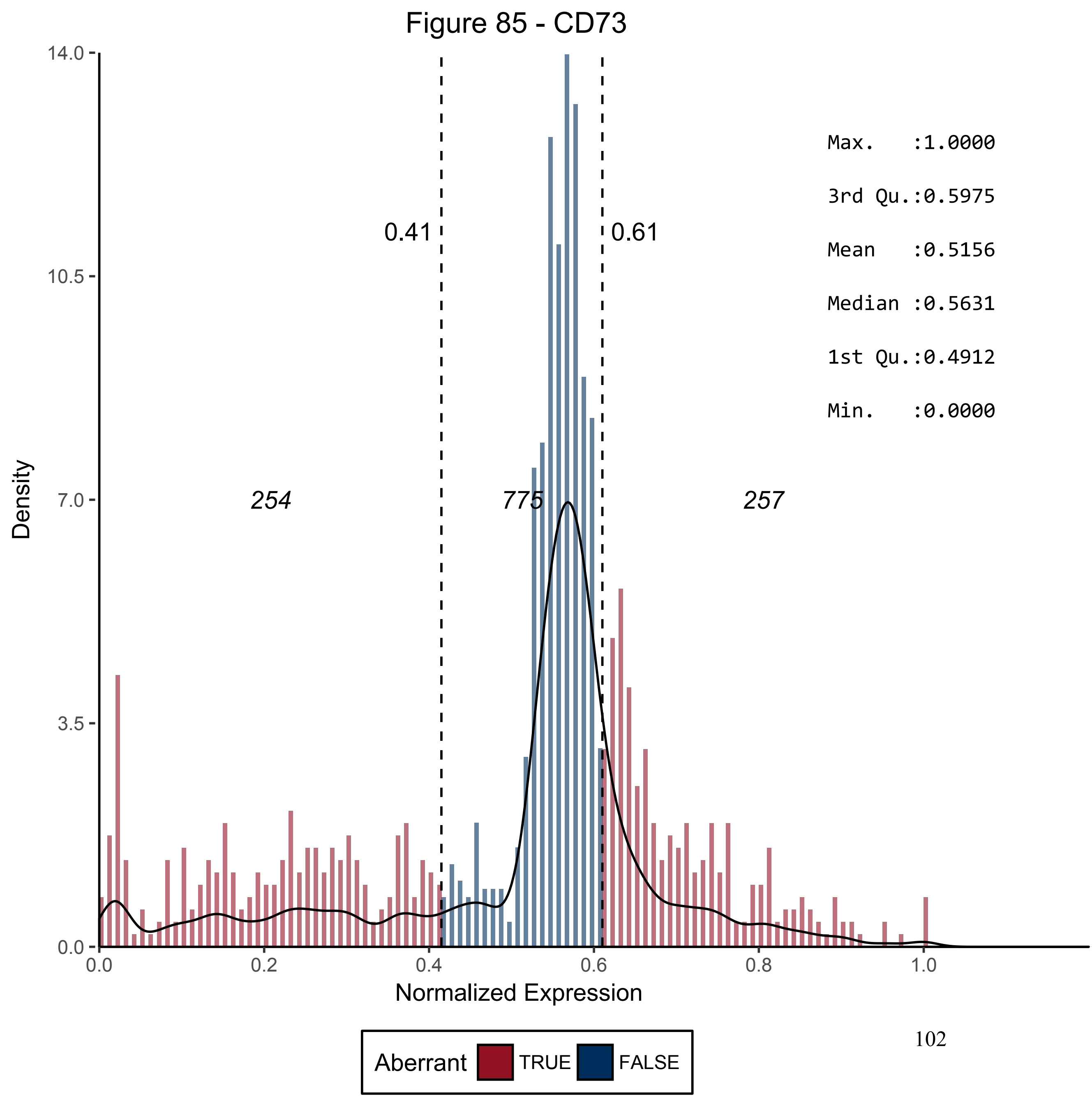


Figure 85 - CD73
Density
Normalized Expression
0.41
0.61
254
775
257
Max.   :1.0000
3rd Qu.:0.5975
Mean   :0.5156
Median :0.5631
1st Qu.:0.4912
Min.   :0.0000
14.0
10.5
7.0
3.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

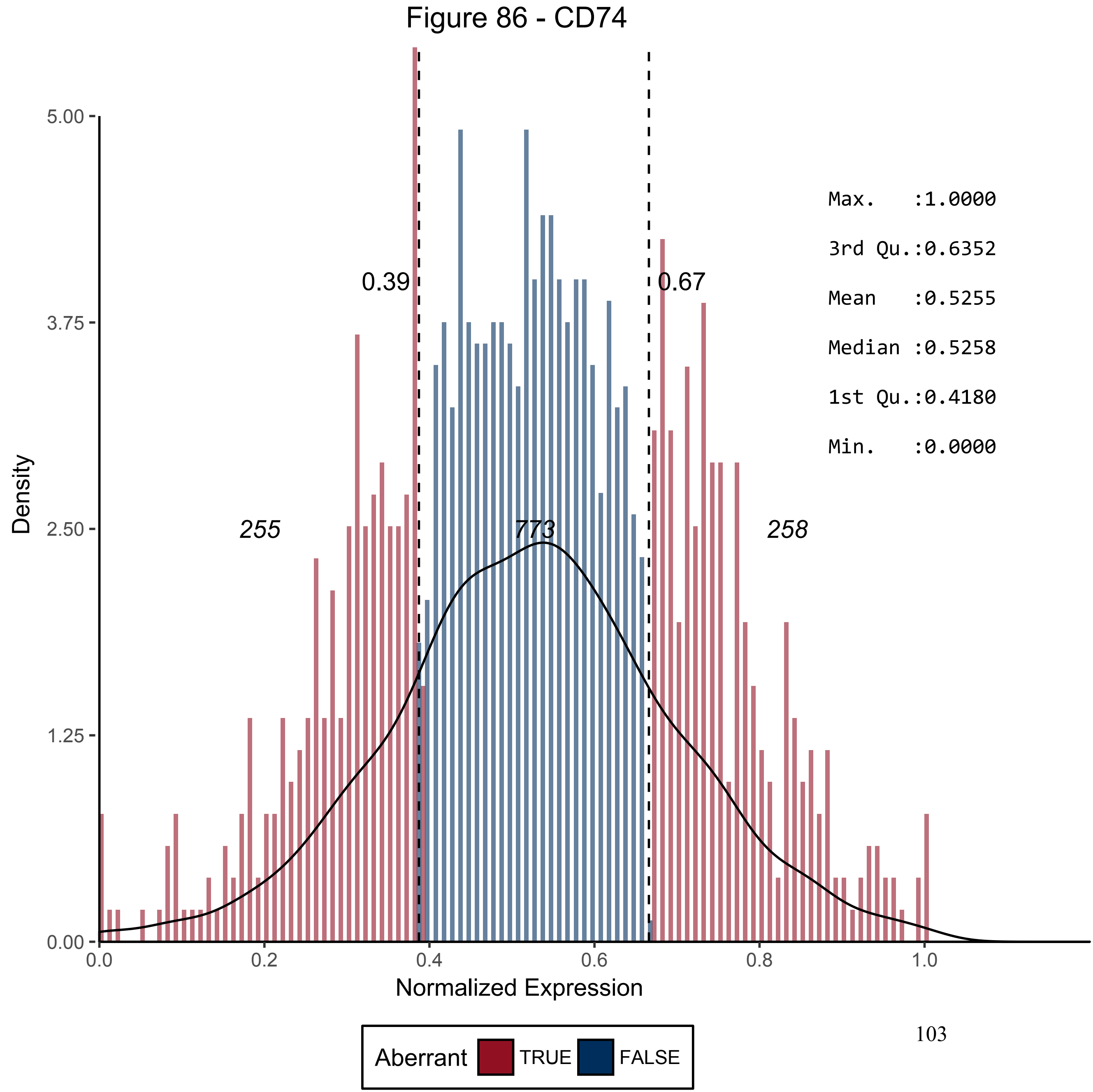
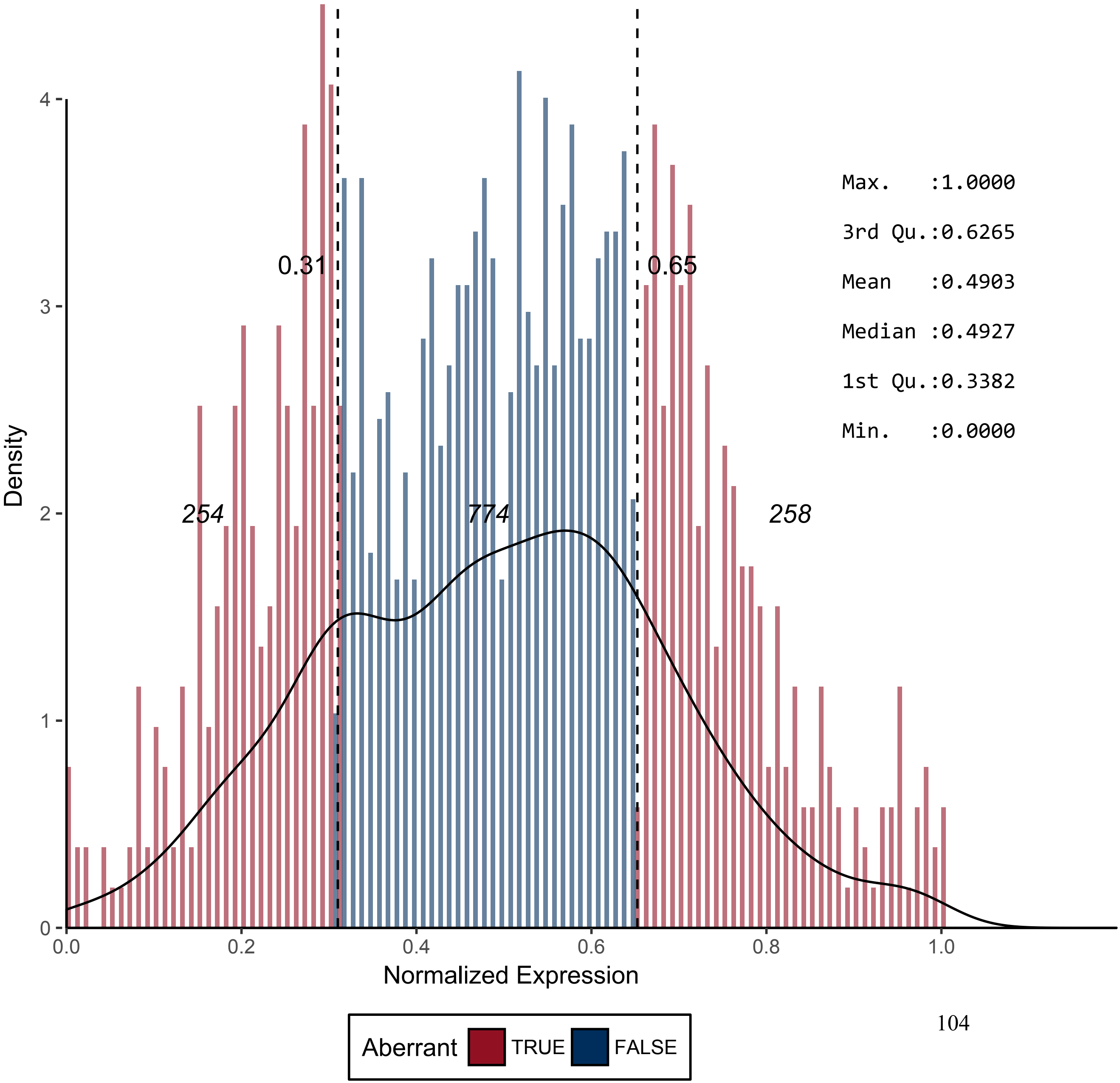


Figure 86 - CD74
Max.   :1.0000
3rd Qu.:0.6352
Mean   :0.5255
Median :0.5258
1st Qu.:0.4180
Min.   :0.0000
0.39
0.67
255
773
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 87 - CD79A



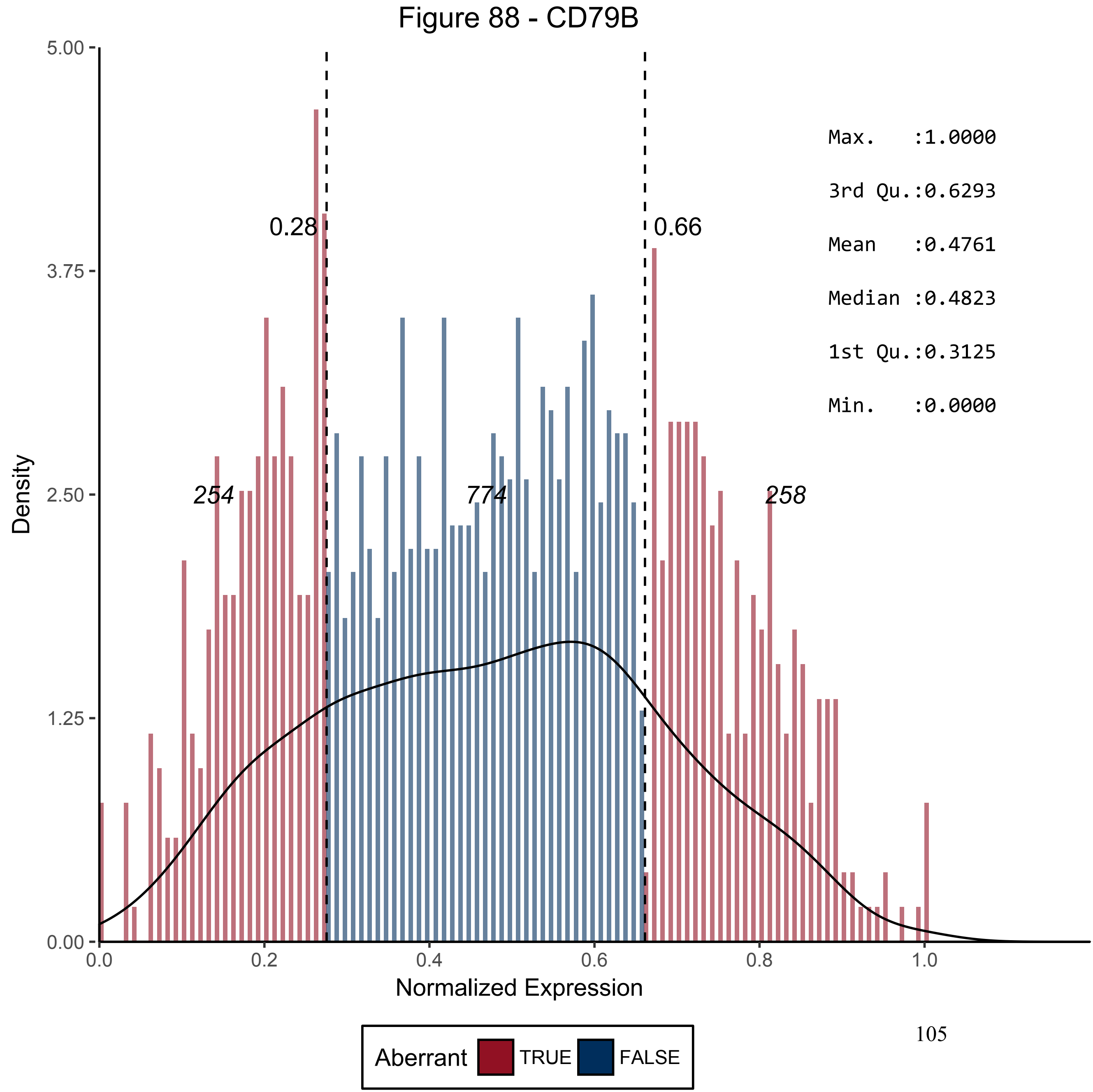


Figure 88 - CD79B
Density
Normalized Expression
0.28
0.66
254
774
258
Max.   :1.0000
3rd Qu.:0.6293
Mean   :0.4761
Median :0.4823
1st Qu.:0.3125
Min.   :0.0000
0.00
1.25
2.50
3.75
5.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

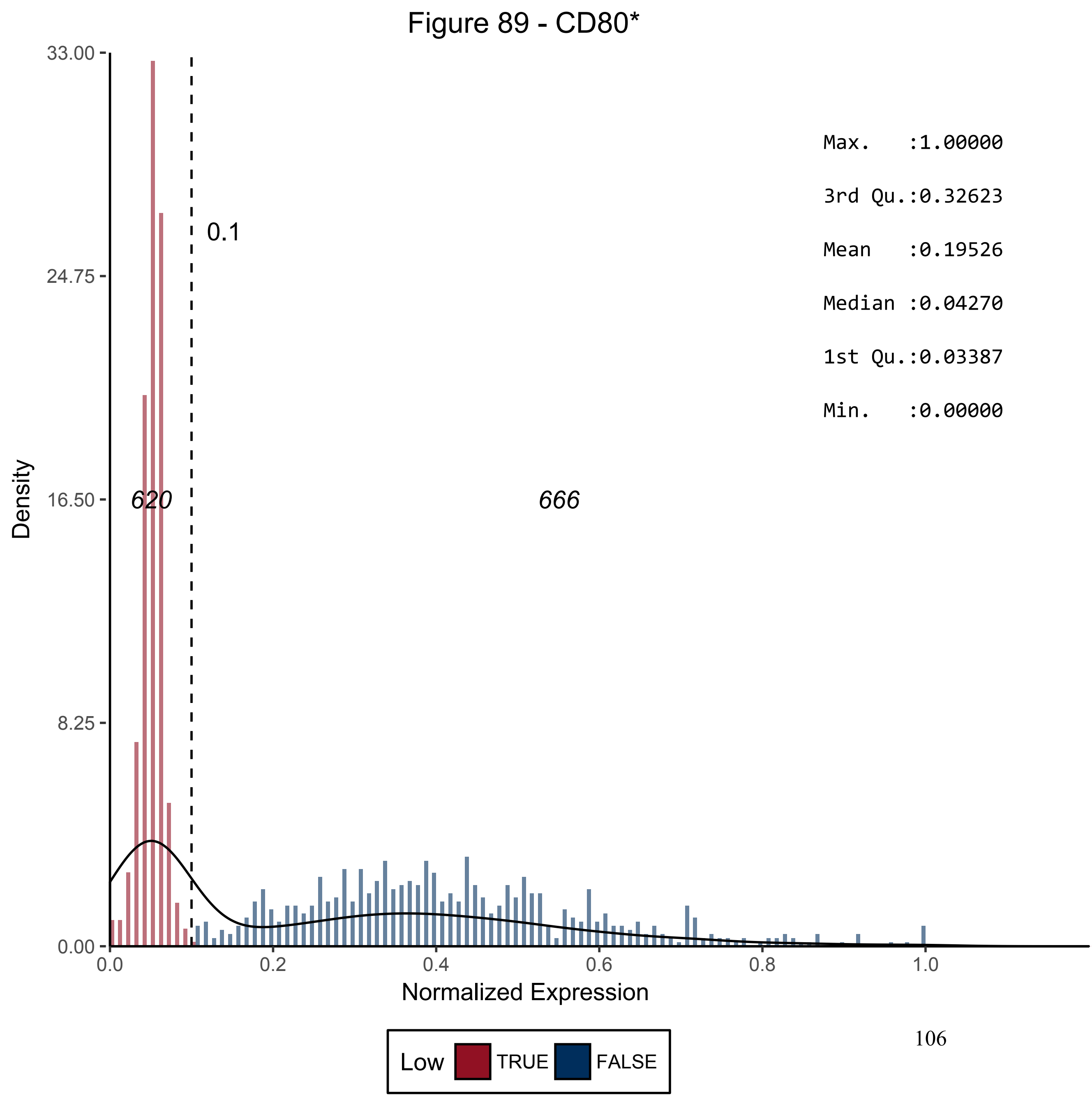


Figure 89 - CD80*
33.00
24.75
16.50
8.25
0.00
Density
0.1
620
666
Max.   :1.00000
3rd Qu.:0.32623
Mean   :0.19526
Median :0.04270
1st Qu.:0.03387
Min.   :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

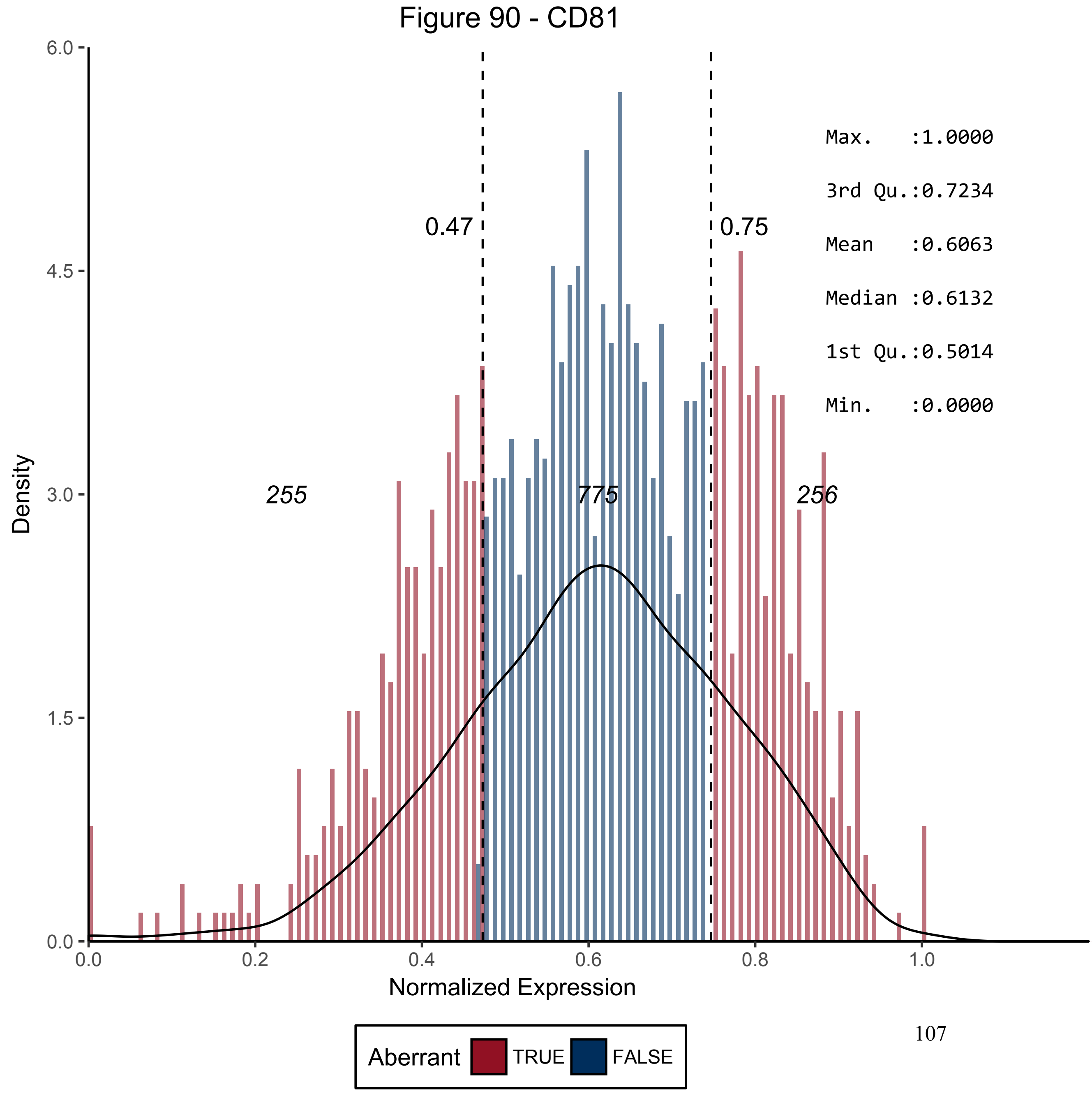
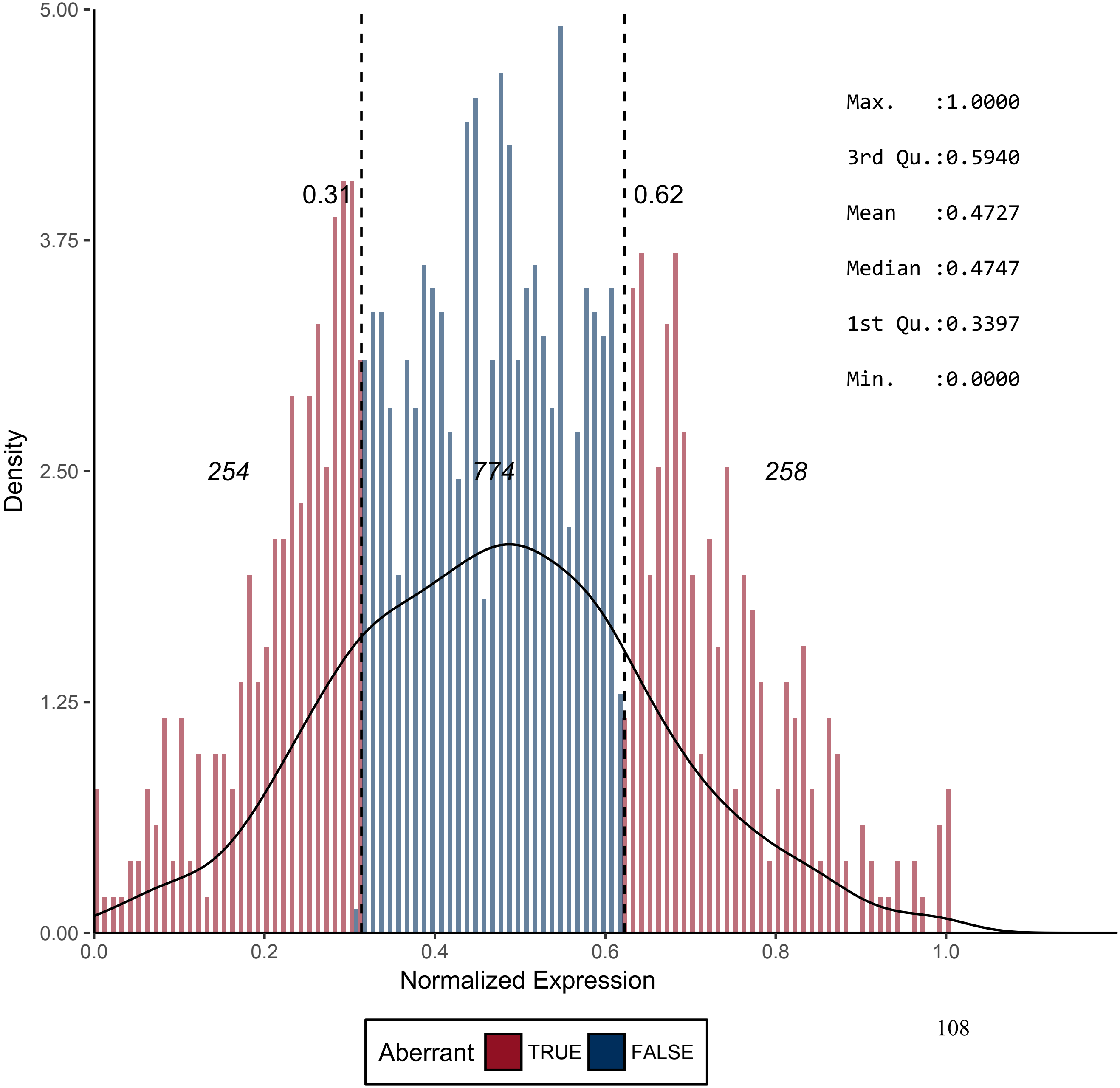


Figure 90 - CD81
Density
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.47
0.75
255
775
256
Max.   :1.0000
3rd Qu.:0.7234
Mean   :0.6063
Median :0.6132
1st Qu.:0.5014
Min.   :0.0000
Aberrant
TRUE
FALSE

Figure 91 - CD82



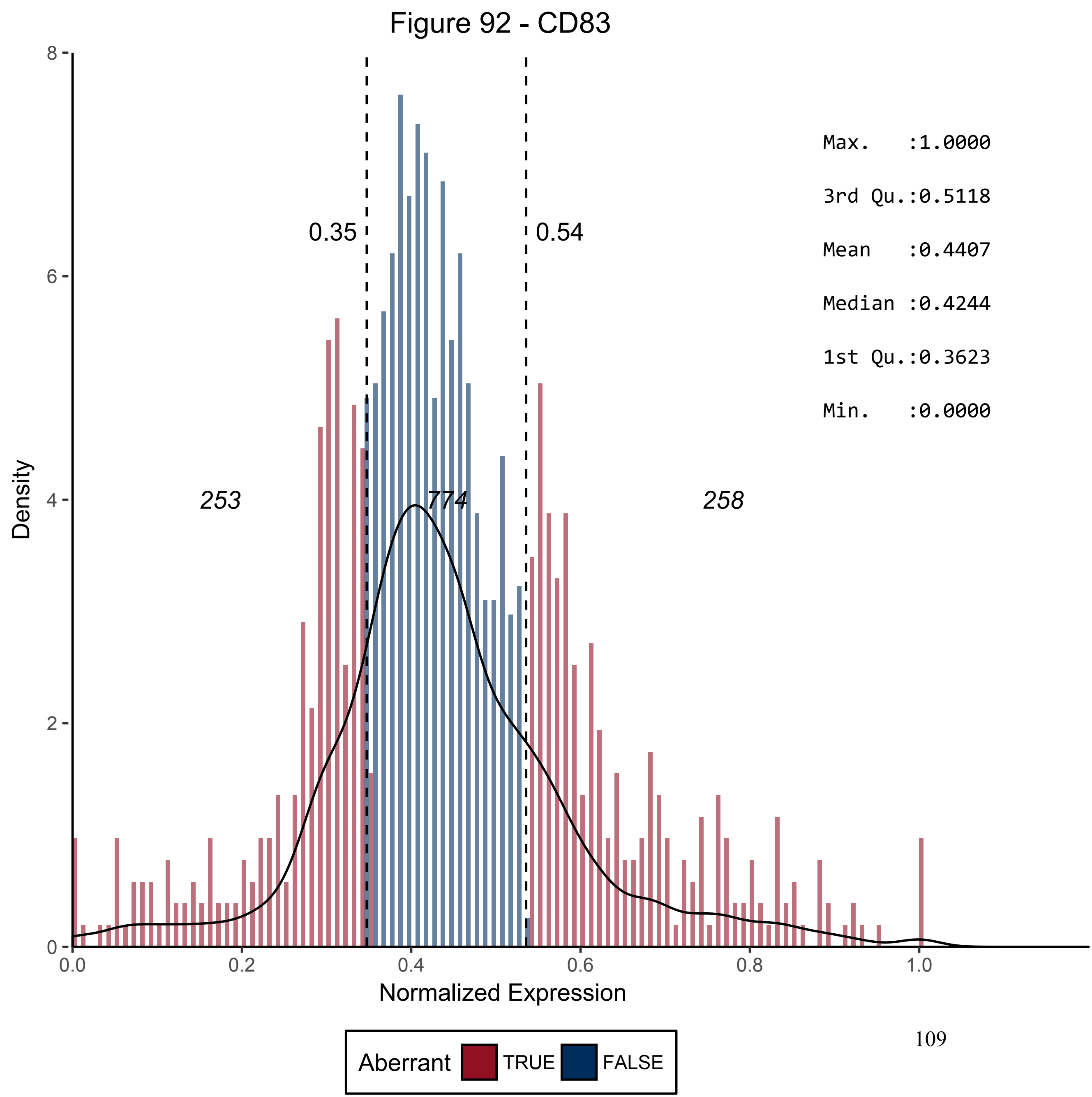


Figure 92 - CD83
Max. :1.0000
3rd Qu.:0.5118
Mean :0.4407
Median :0.4244
1st Qu.:0.3623
Min. :0.0000
0.35
0.54
253
774
258
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
2
4
6
8
Aberrant
TRUE
FALSE

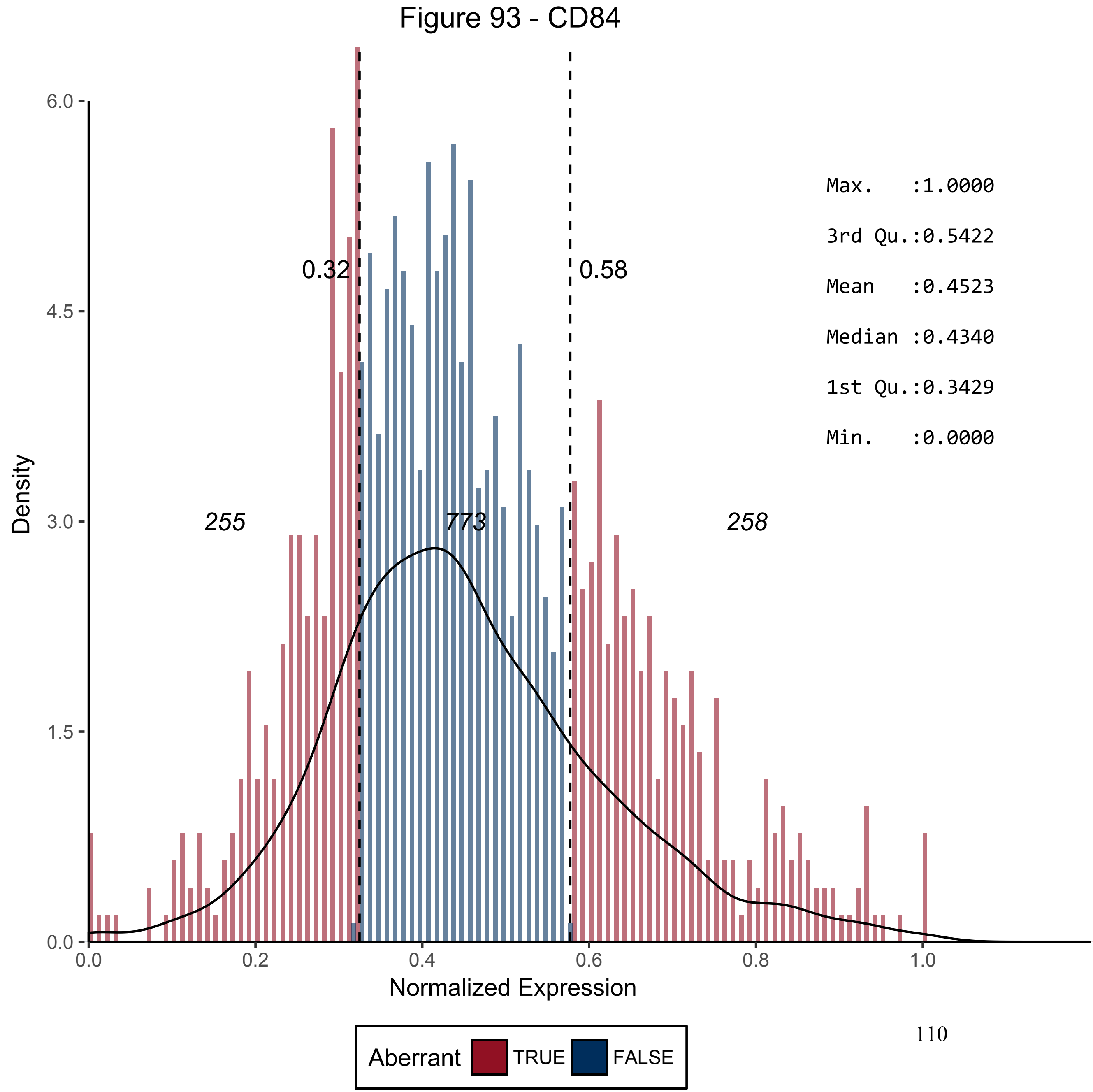


Figure 93 - CD84
0.32
0.58
Max. :1.0000
3rd Qu.:0.5422
Mean :0.4523
Median :0.4340
1st Qu.:0.3429
Min. :0.0000
255
773
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

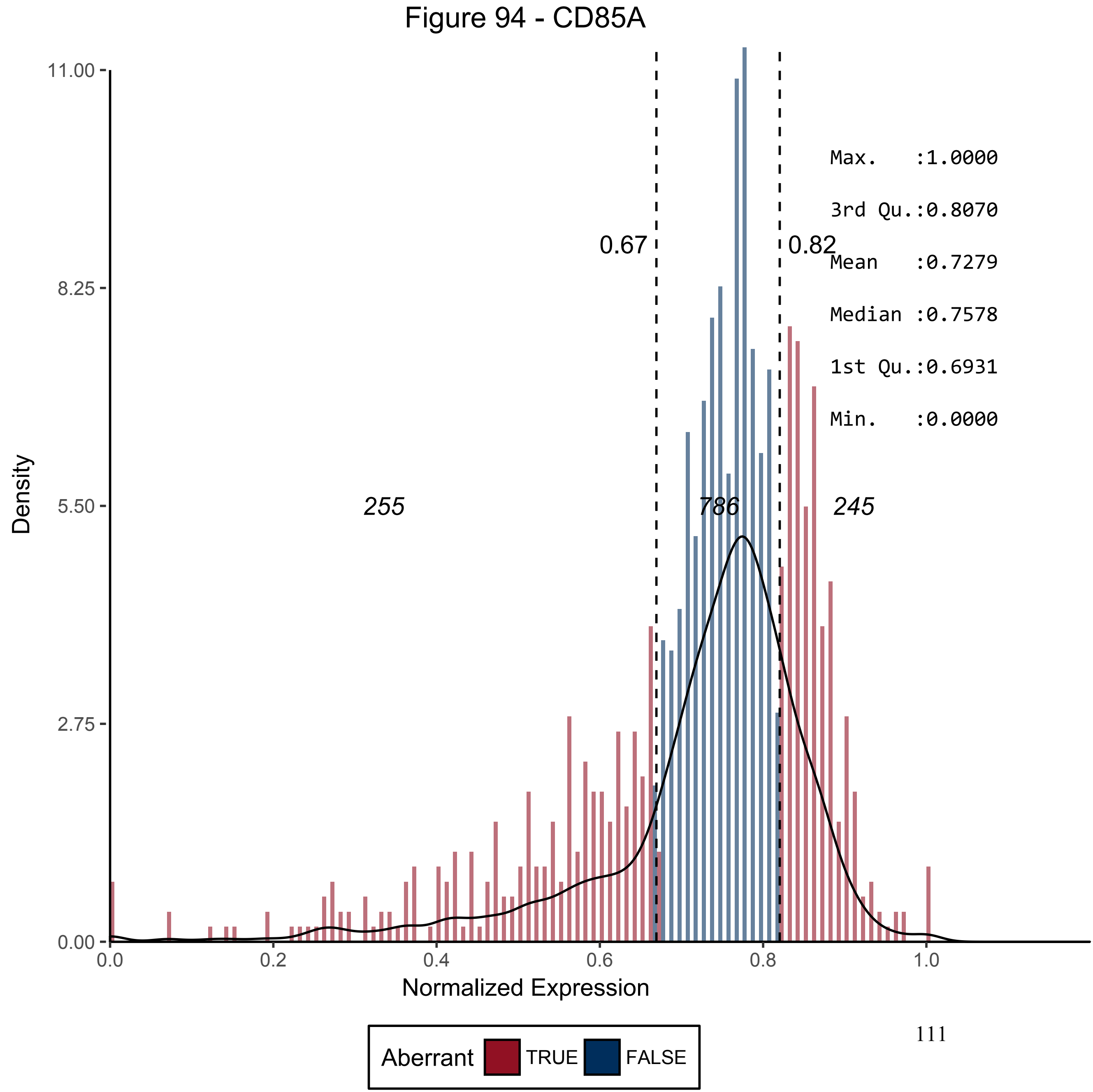


Figure 94 - CD85A
Max. :1.0000
3rd Qu.:0.8070
Mean :0.7279
Median :0.7578
1st Qu.:0.6931
Min. :0.0000
0.67
0.82
255
786
245
Density
Normalized Expression
Aberrant
TRUE
FALSE

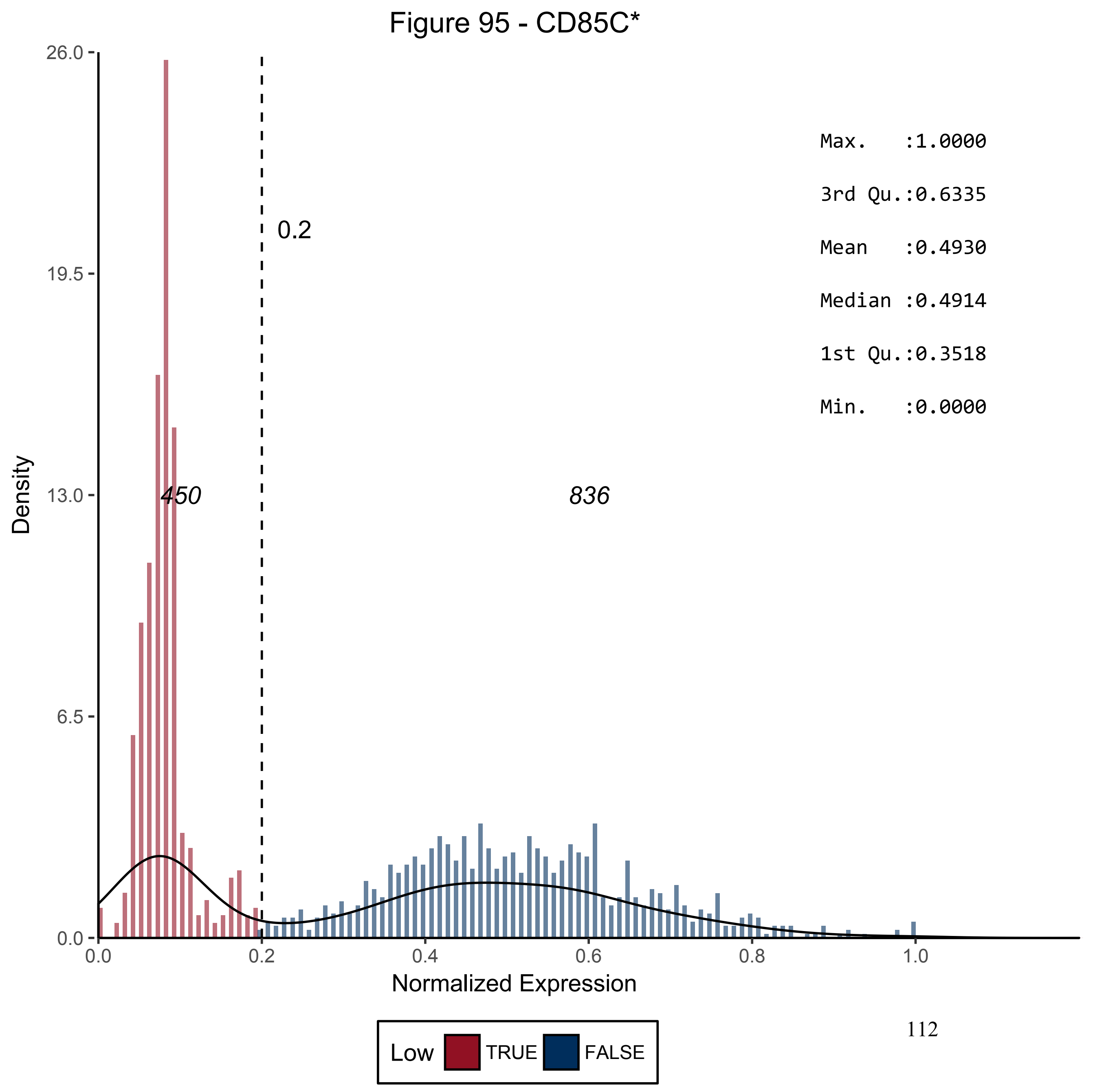


Figure 95 - CD85C*
Density
Normalized Expression
0.2
450
836
Max. :1.0000
3rd Qu.:0.6335
Mean :0.4930
Median :0.4914
1st Qu.:0.3518
Min. :0.0000
26.0
19.5
13.0
6.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

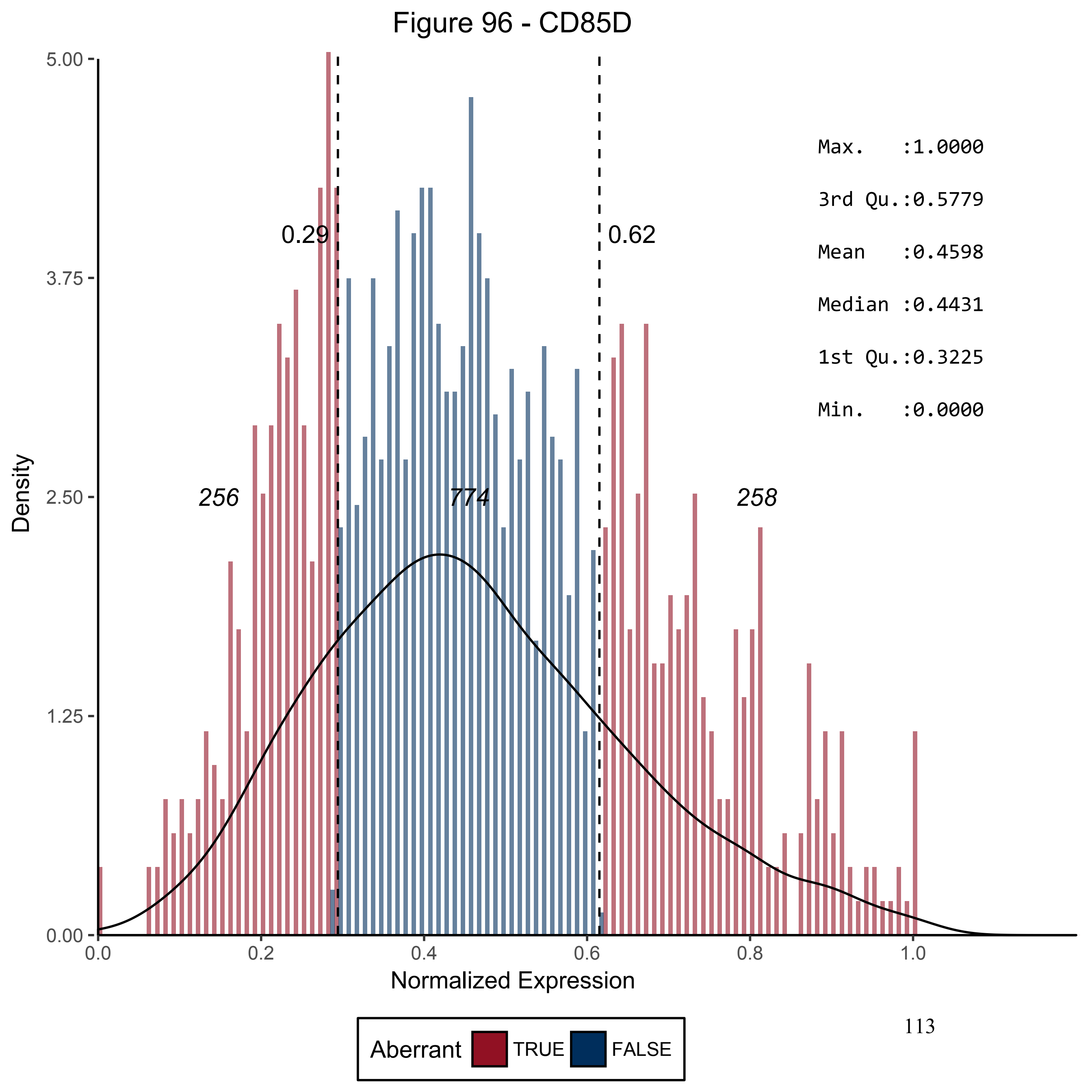


Figure 96 - CD85D
Max. :1.0000
3rd Qu.:0.5779
Mean :0.4598
Median :0.4431
1st Qu.:0.3225
Min. :0.0000
0.29
0.62
256
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

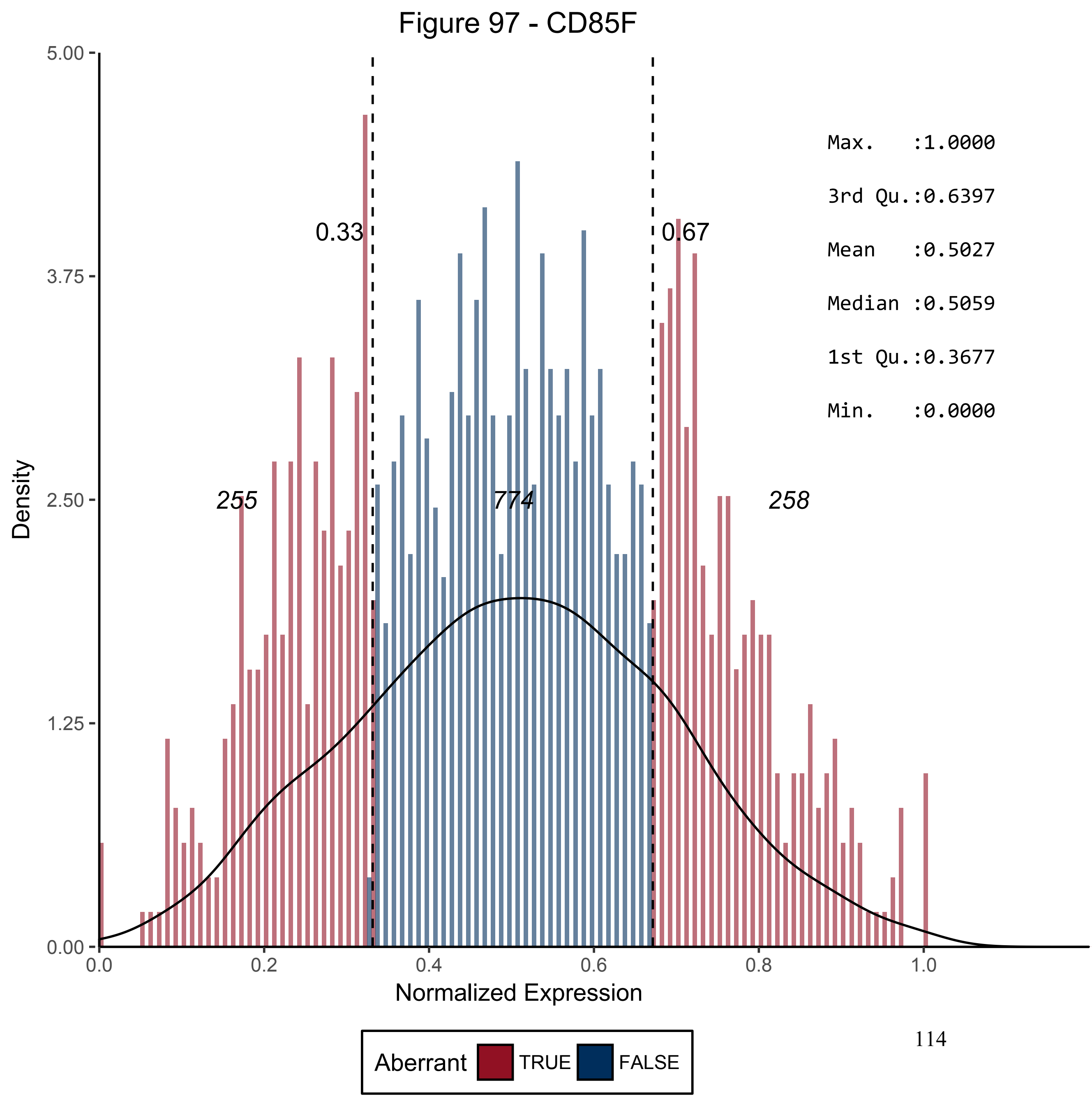


Figure 97 - CD85F
Max. :1.0000
3rd Qu.:0.6397
Mean :0.5027
Median :0.5059
1st Qu.:0.3677
Min. :0.0000
0.33
0.67
255
774
258
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

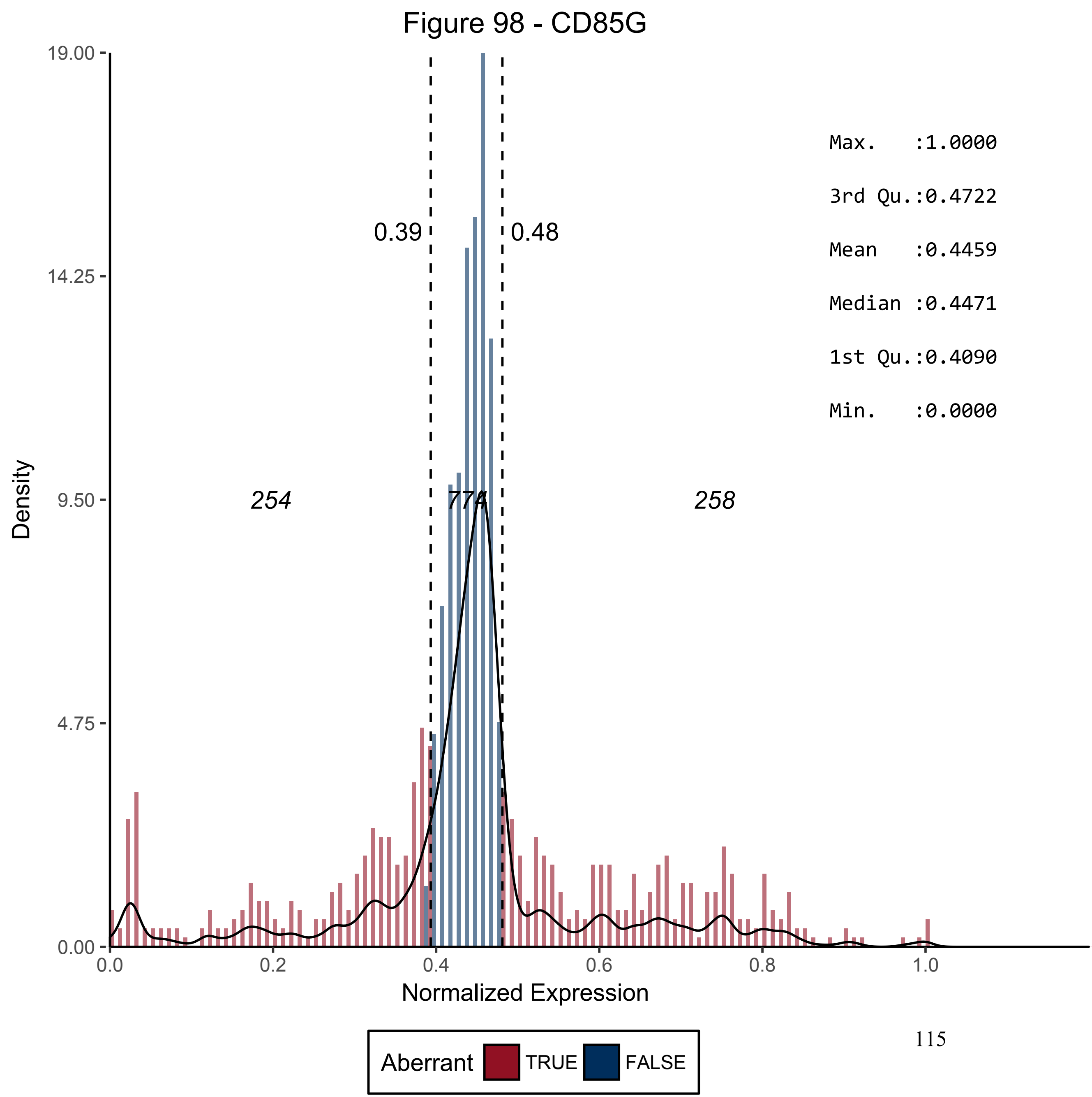
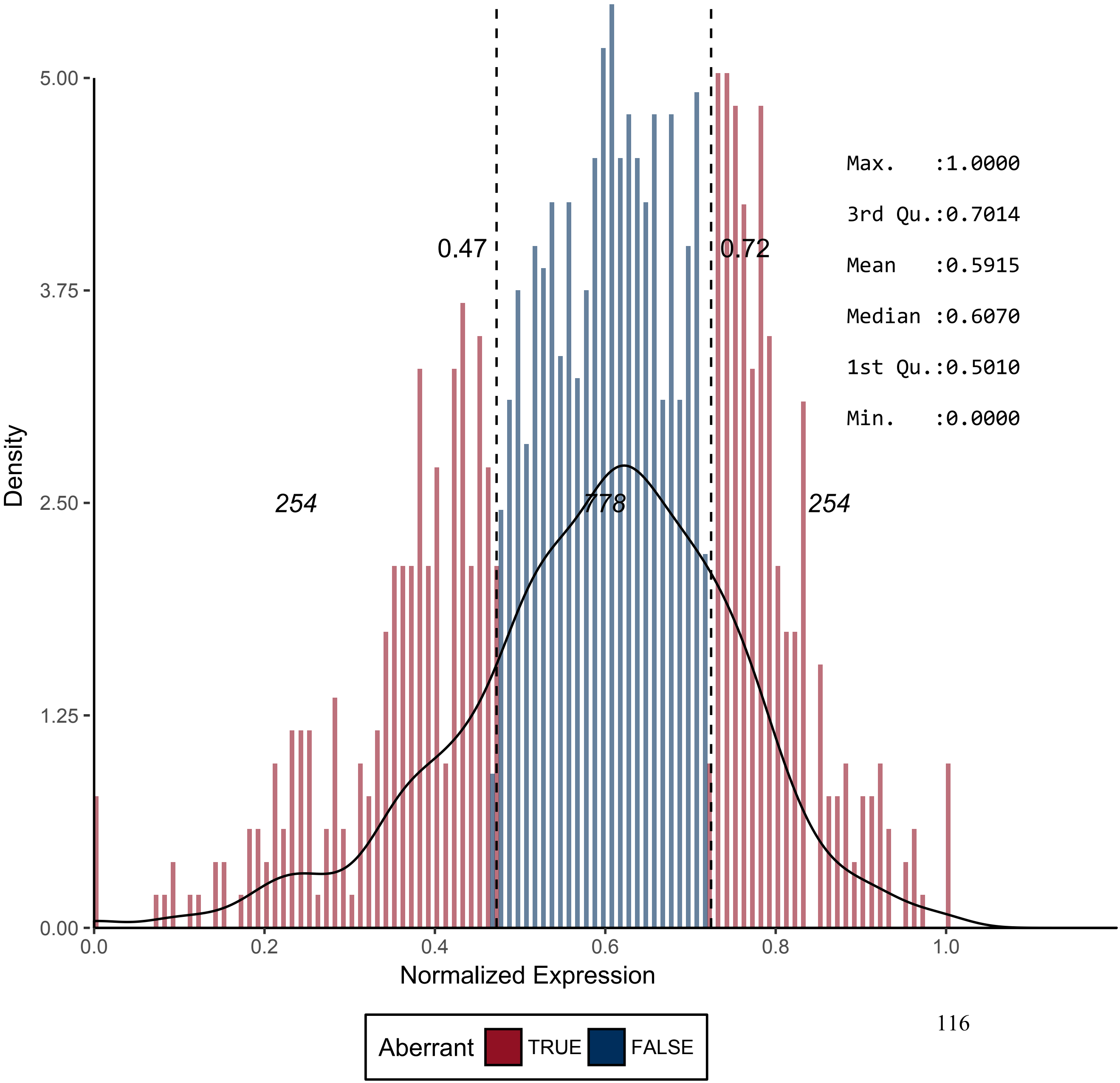


Figure 98 - CD85G
19.00
14.25
9.50
4.75
0.00
Density
0.39
0.48
254
774
258
Max. :1.0000
3rd Qu.:0.4722
Mean :0.4459
Median :0.4471
1st Qu.:0.4090
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 99 - CD85H



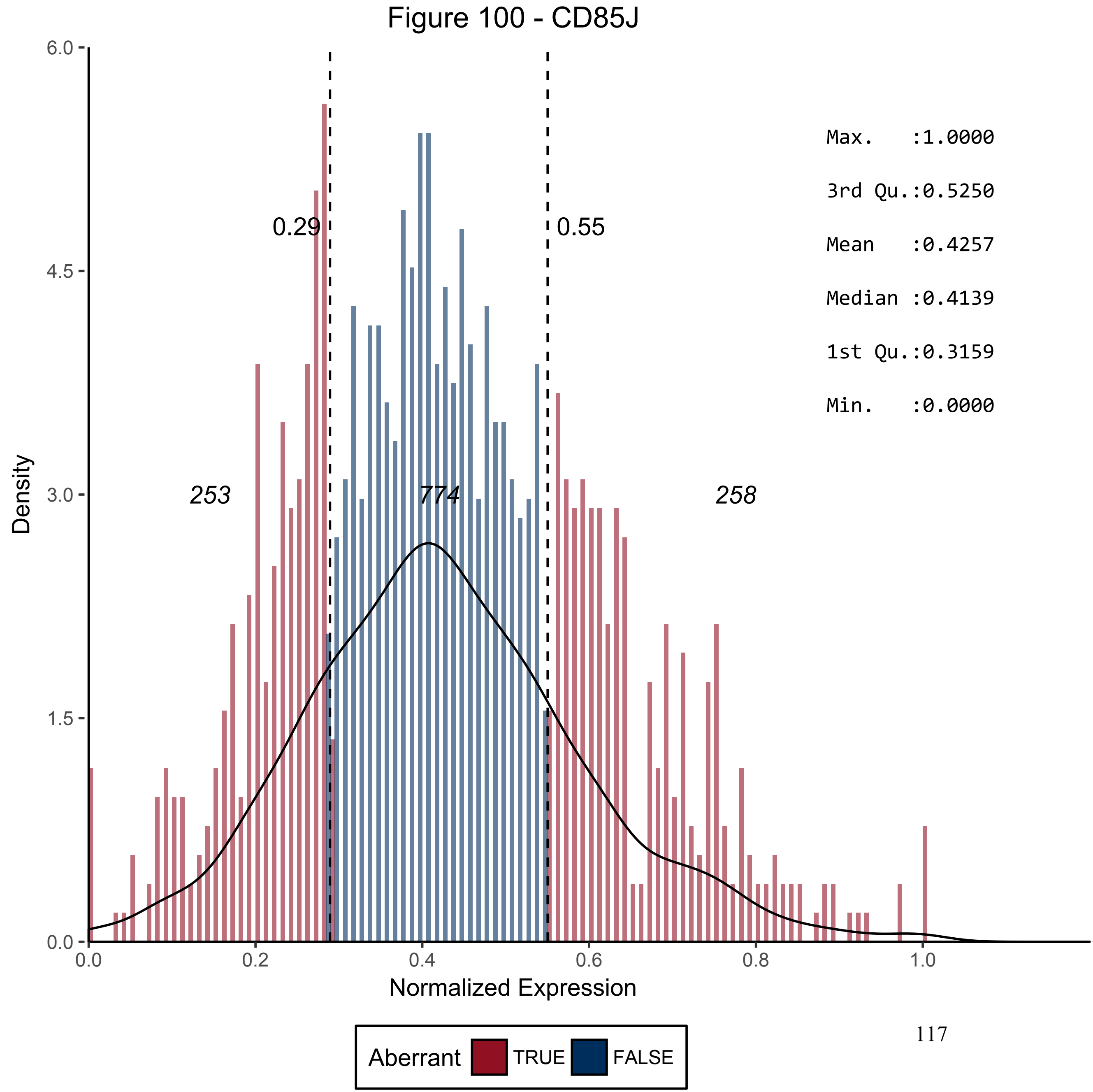


Figure 100 - CD85J
6.0
4.5
3.0
1.5
0.0
Density
0.29
0.55
253
774
258
Max.   :1.0000
3rd Qu.:0.5250
Mean   :0.4257
Median :0.4139
1st Qu.:0.3159
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

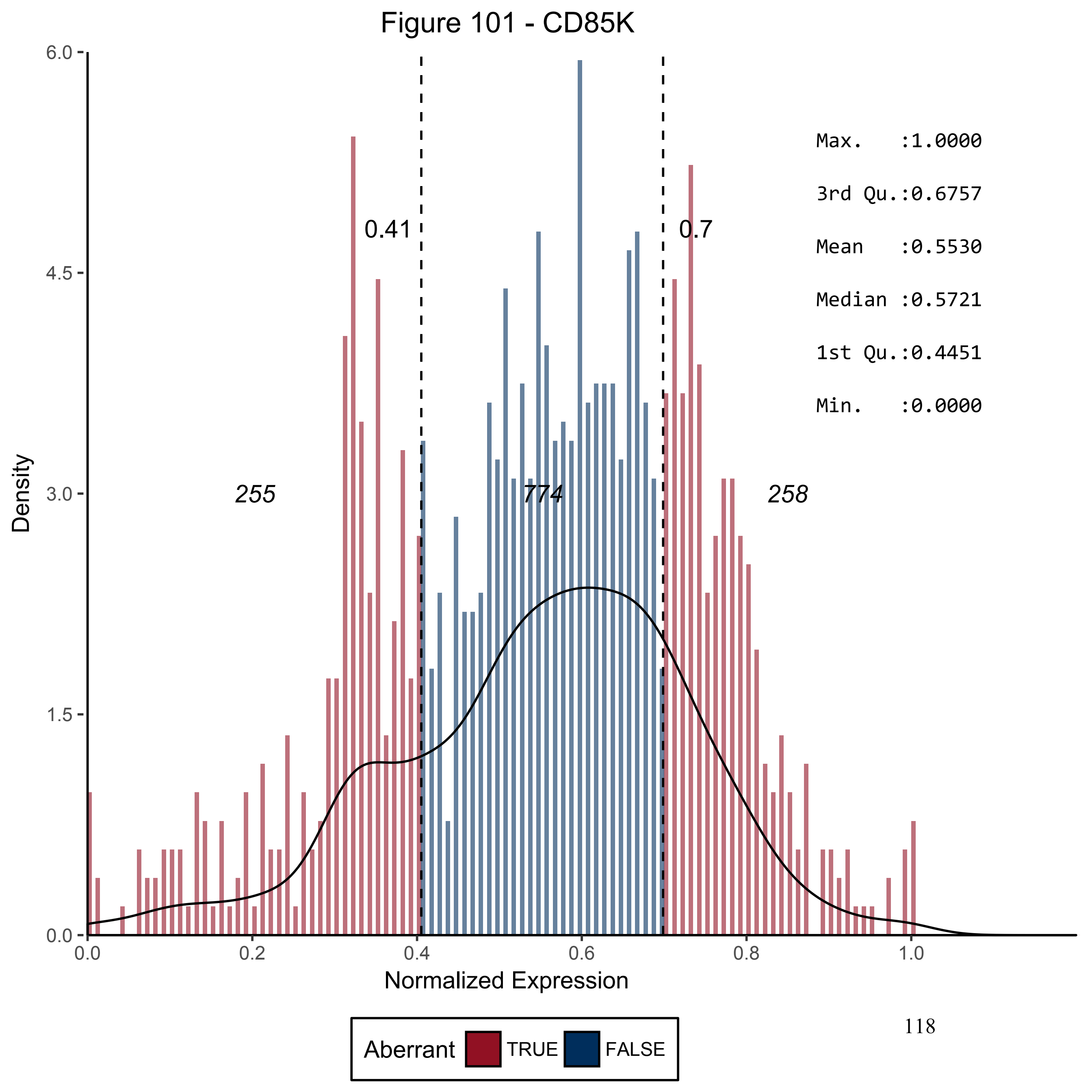


Figure 101 - CD85K
Max. :1.0000
3rd Qu.:0.6757
Mean :0.5530
Median :0.5721
1st Qu.:0.4451
Min. :0.0000
0.41
0.7
255
774
258
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

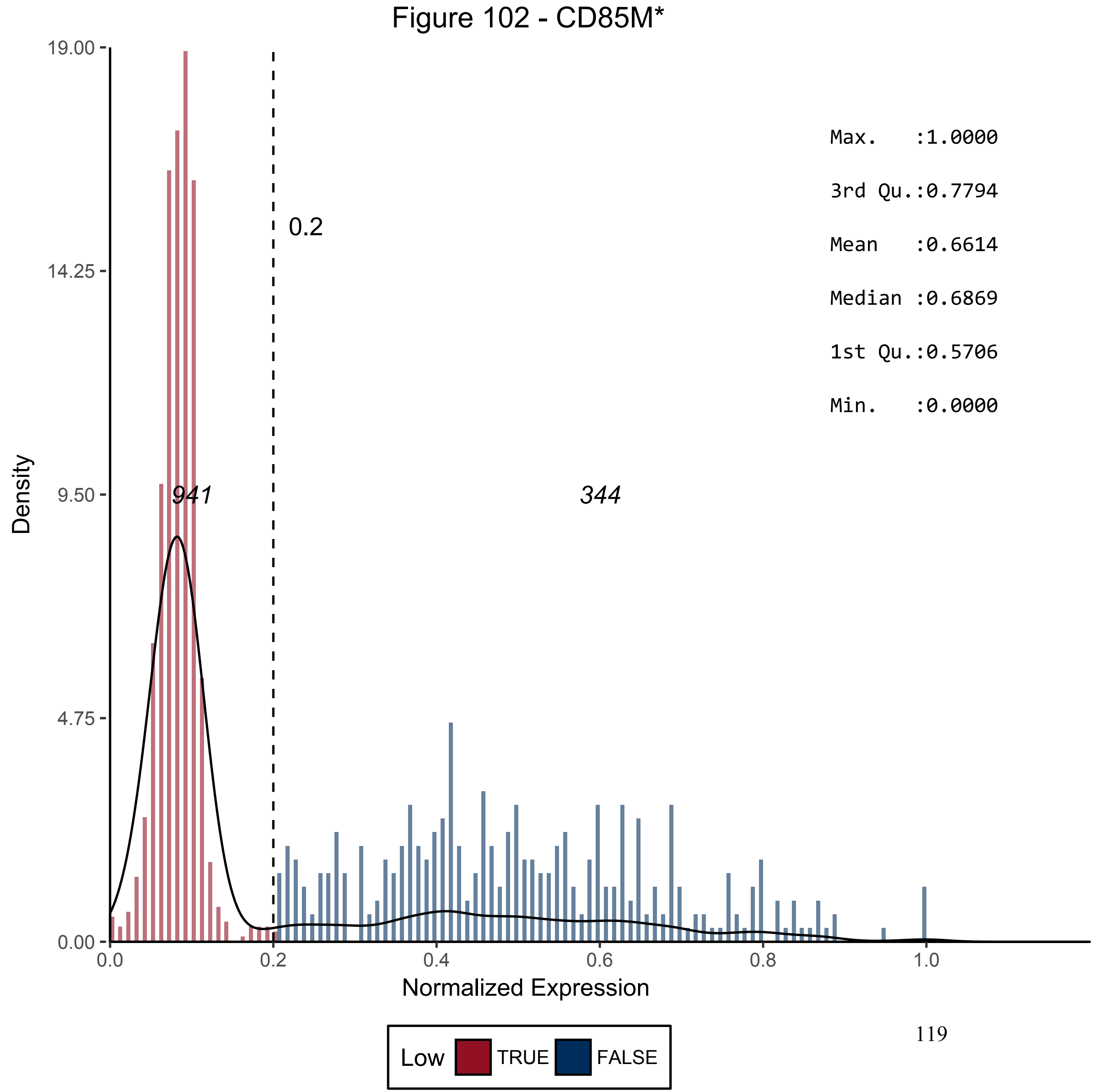


Figure 102 - CD85M*
19.00
14.25
9.50
4.75
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.2
941
344
Max.   :1.0000
3rd Qu.:0.7794
Mean   :0.6614
Median :0.6869
1st Qu.:0.5706
Min.   :0.0000
Low
TRUE
FALSE

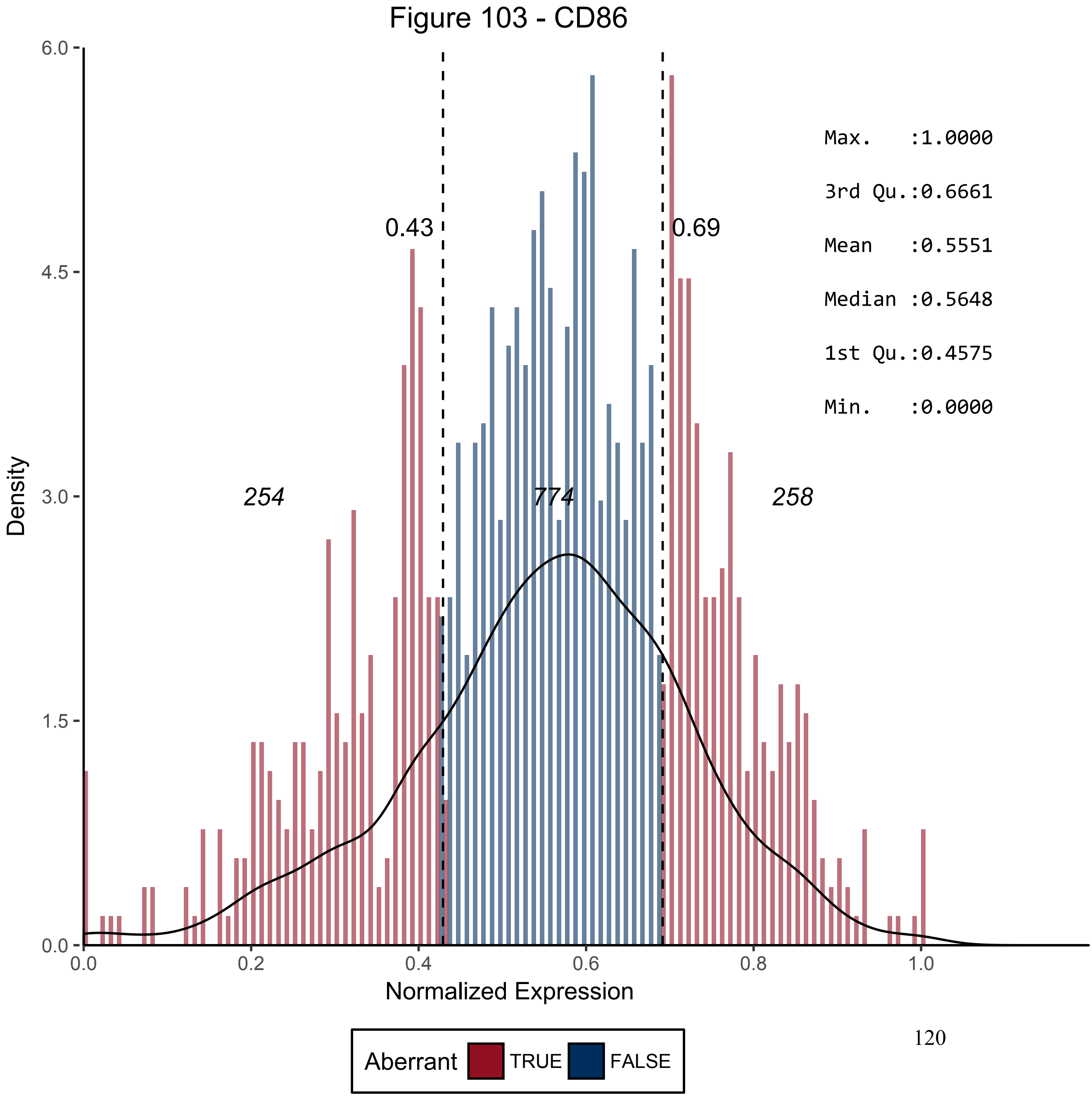


Figure 103 - CD86
Max. :1.0000
3rd Qu.:0.6661
Mean :0.5551
Median :0.5648
1st Qu.:0.4575
Min. :0.0000
0.43
0.69
254
774
258
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

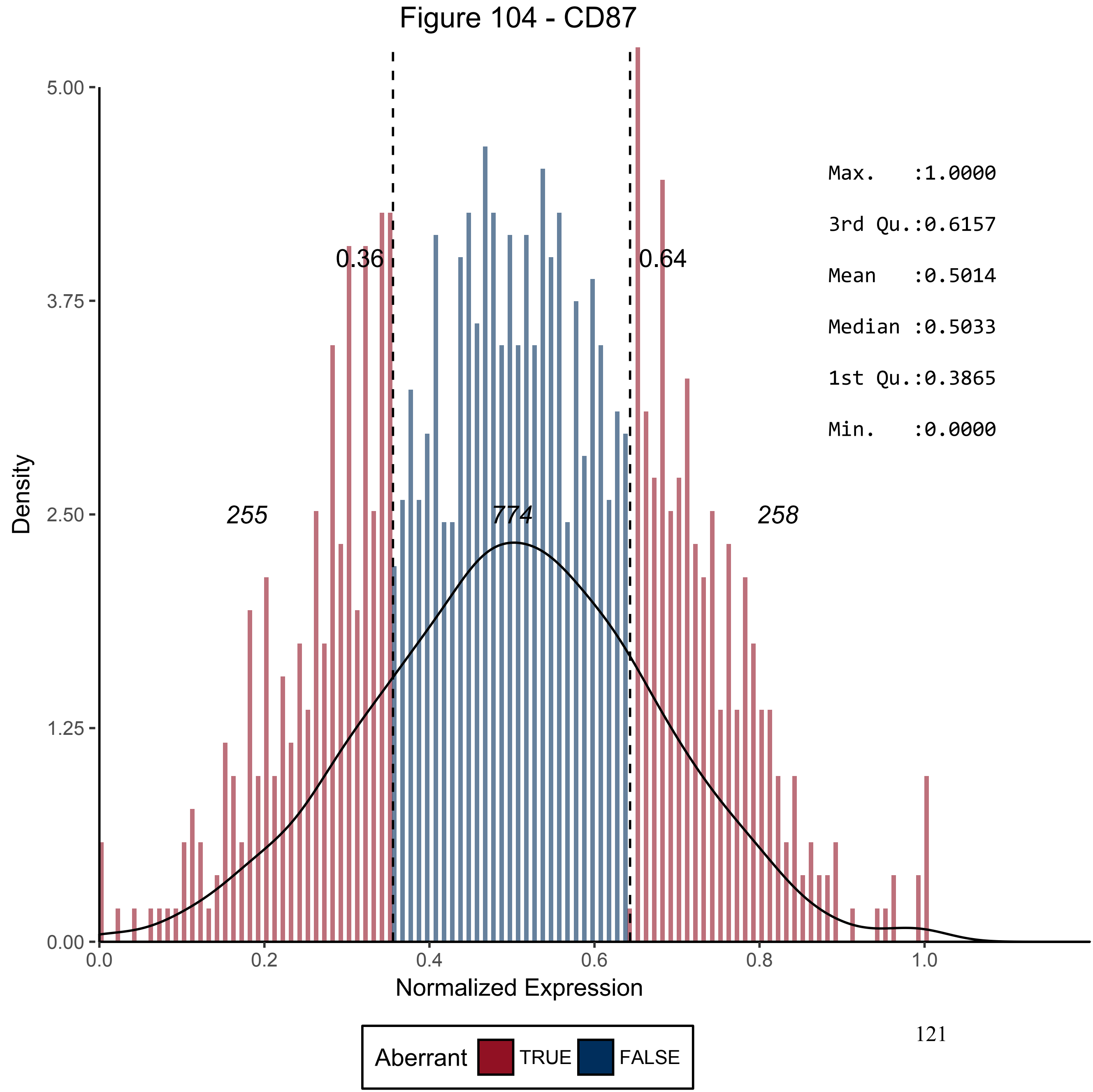


Figure 104 - CD87
Max. :1.0000
3rd Qu.:0.6157
Mean :0.5014
Median :0.5033
1st Qu.:0.3865
Min. :0.0000
0.36
0.64
255
774
258
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

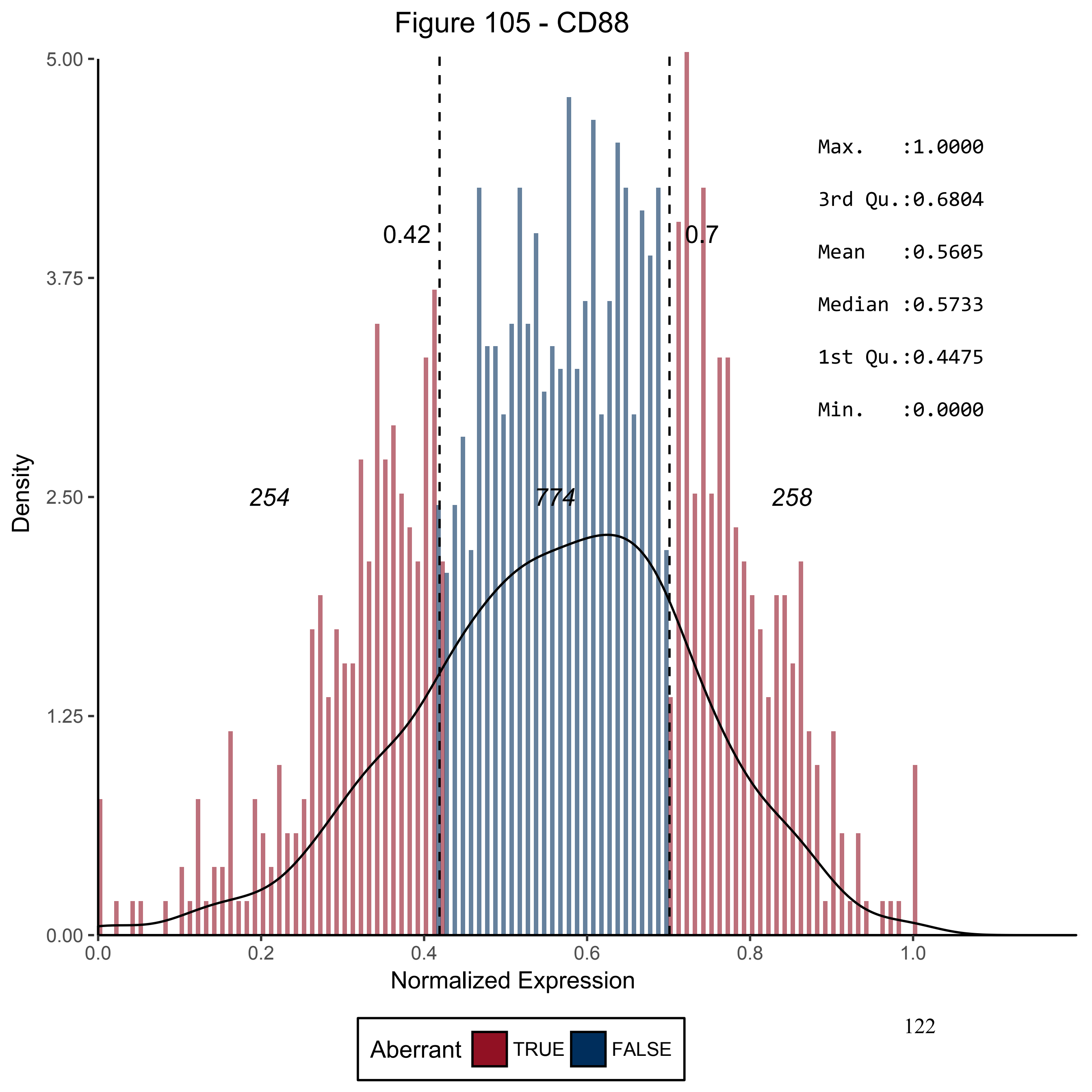


Figure 105 - CD88
Max.   :1.0000
3rd Qu.:0.6804
Mean   :0.5605
Median :0.5733
1st Qu.:0.4475
Min.   :0.0000
0.42
0.7
254
774
258
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

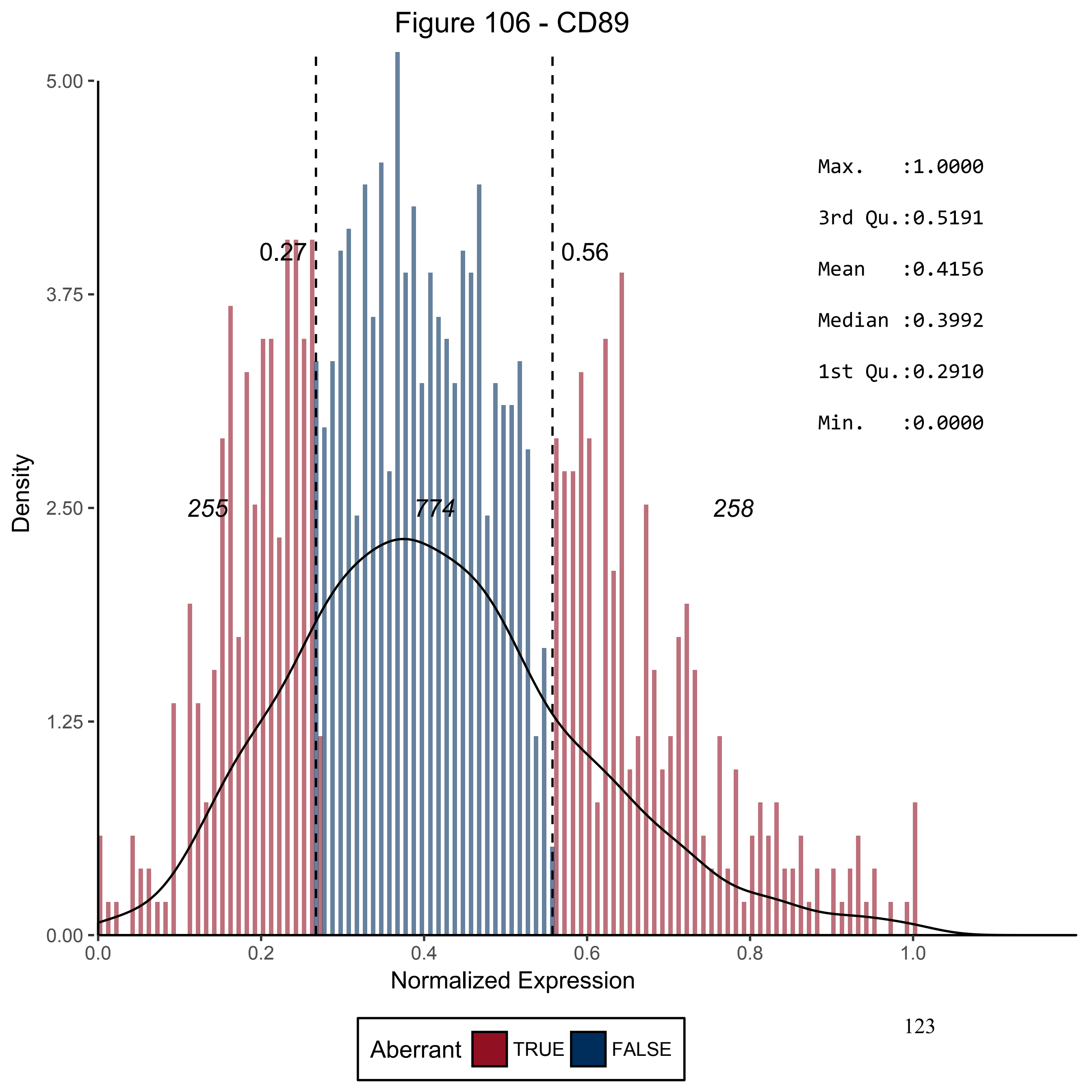


Figure 106 - CD89
Max. :1.0000
3rd Qu.:0.5191
Mean :0.4156
Median :0.3992
1st Qu.:0.2910
Min. :0.0000
0.27
0.56
255
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

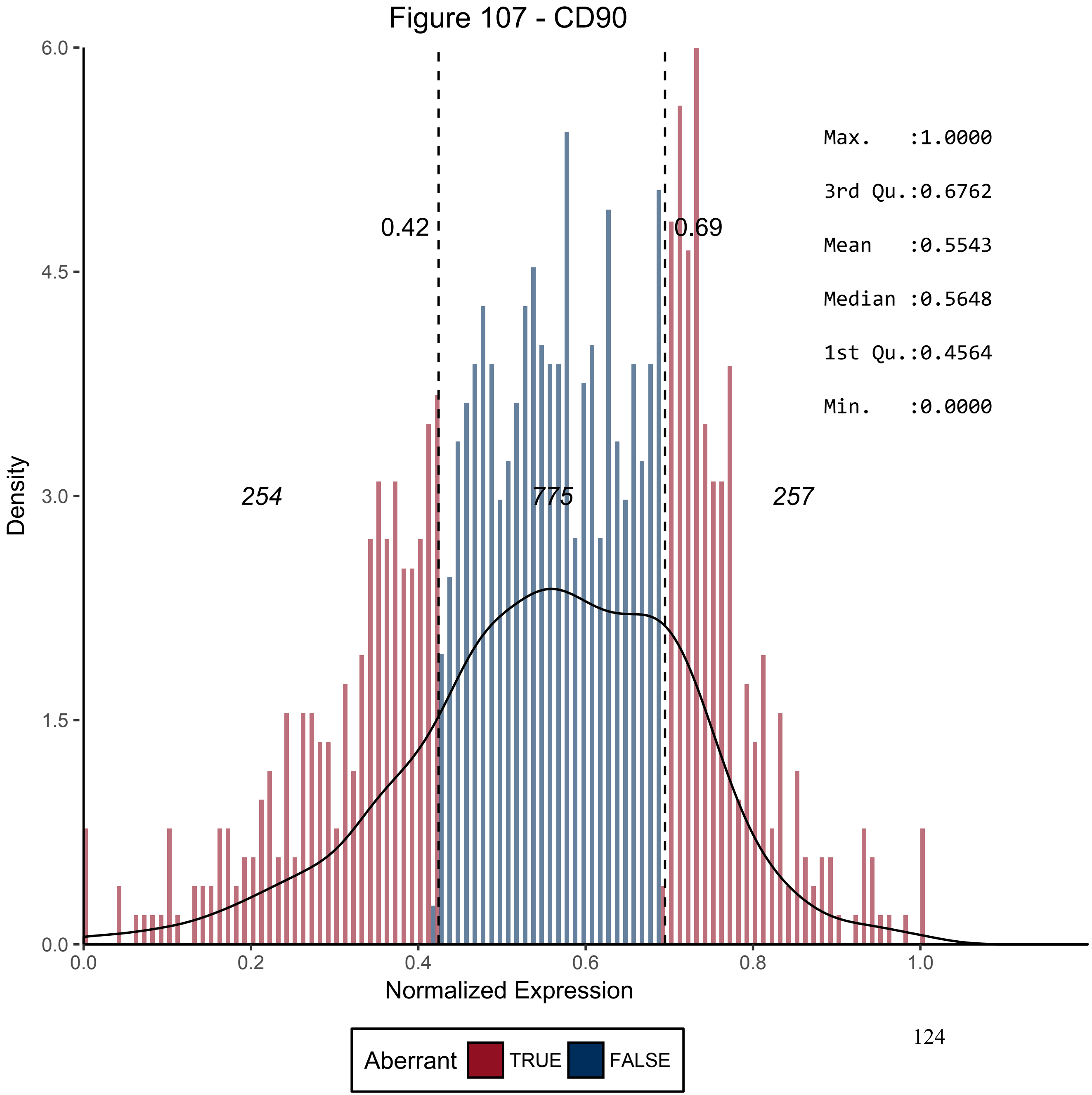
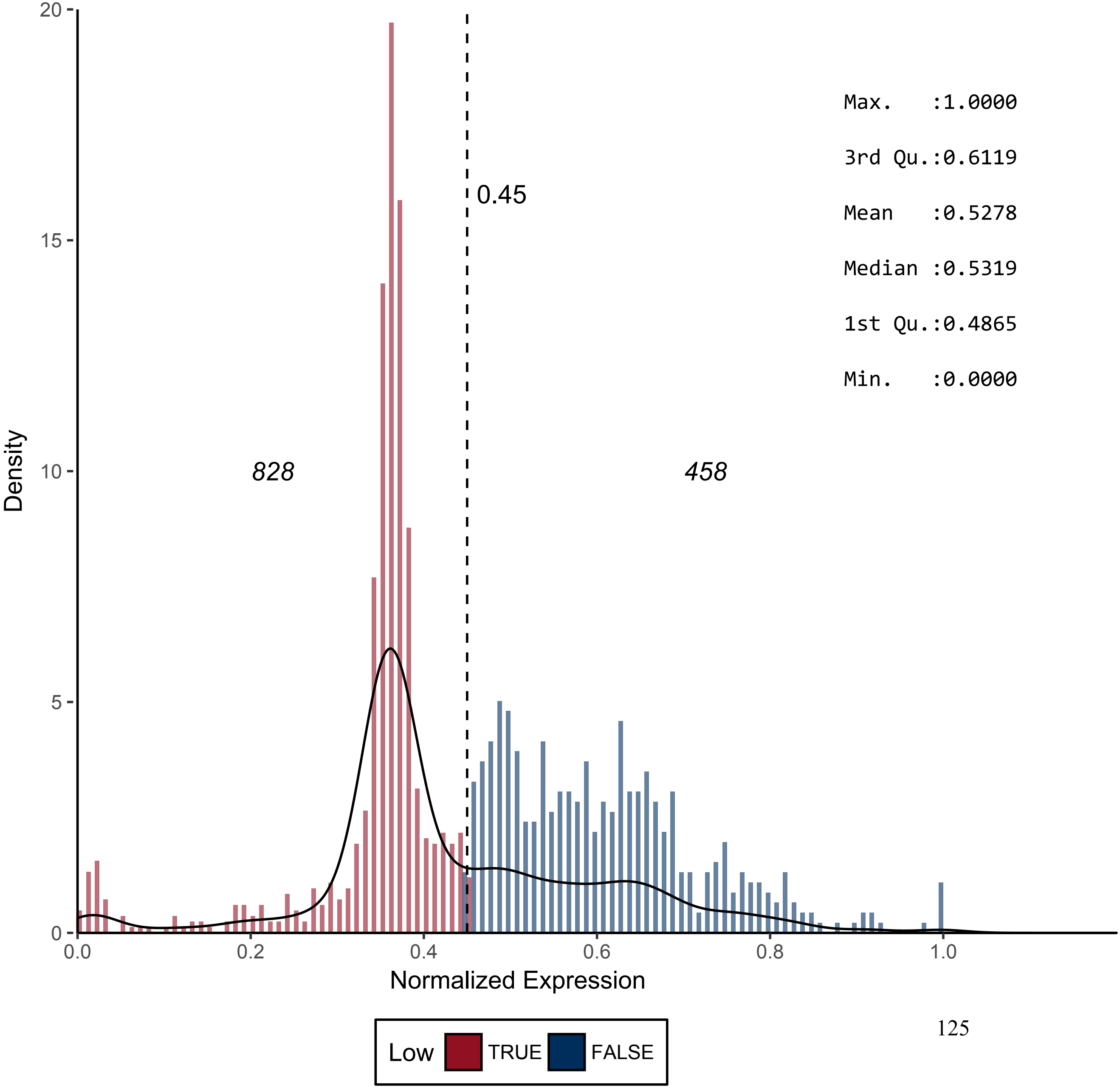


Figure 107 - CD90
Max.   :1.0000
3rd Qu.:0.6762
Mean   :0.5543
Median :0.5648
1st Qu.:0.4564
Min.   :0.0000
0.42
0.69
254
775
257
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 108 - CD91*



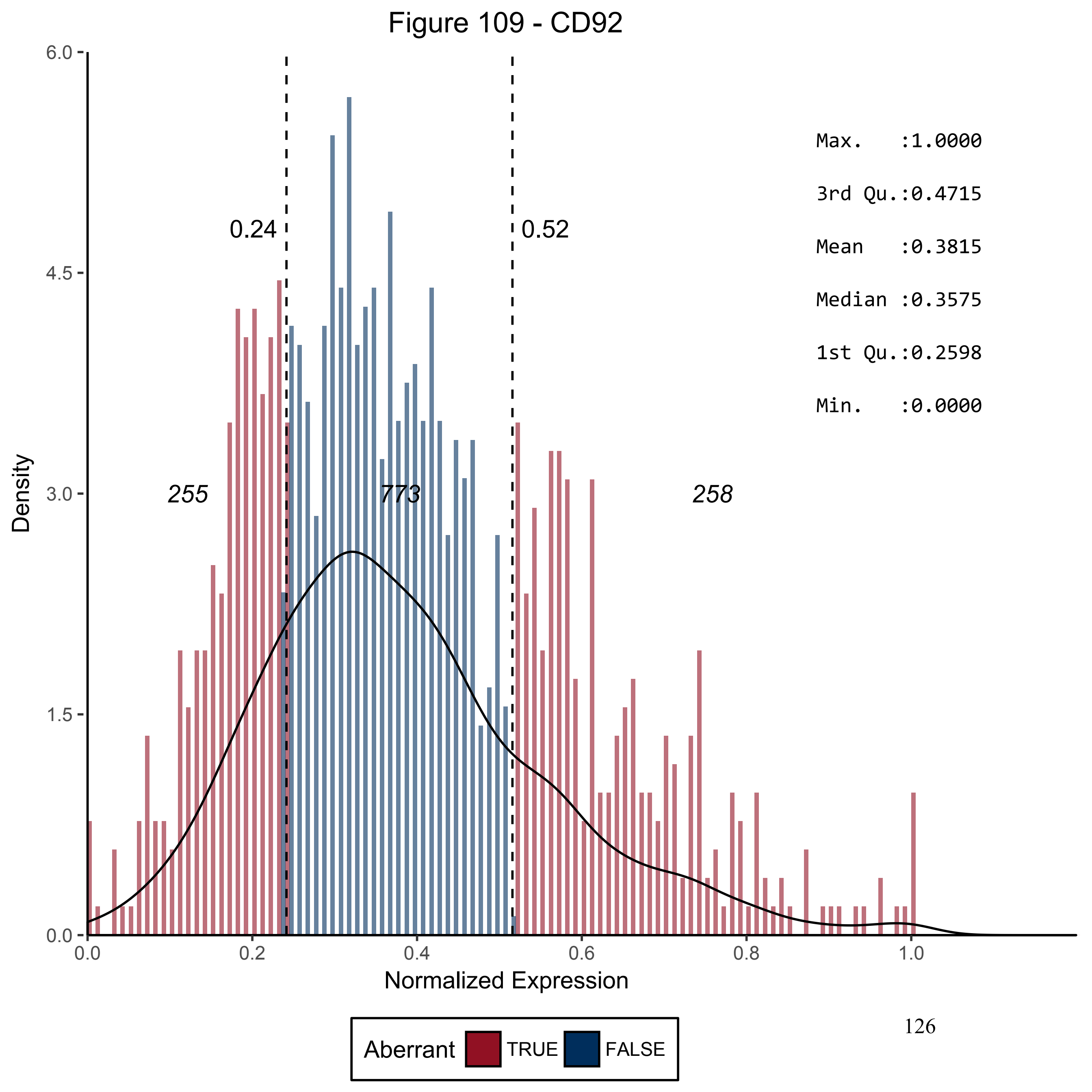
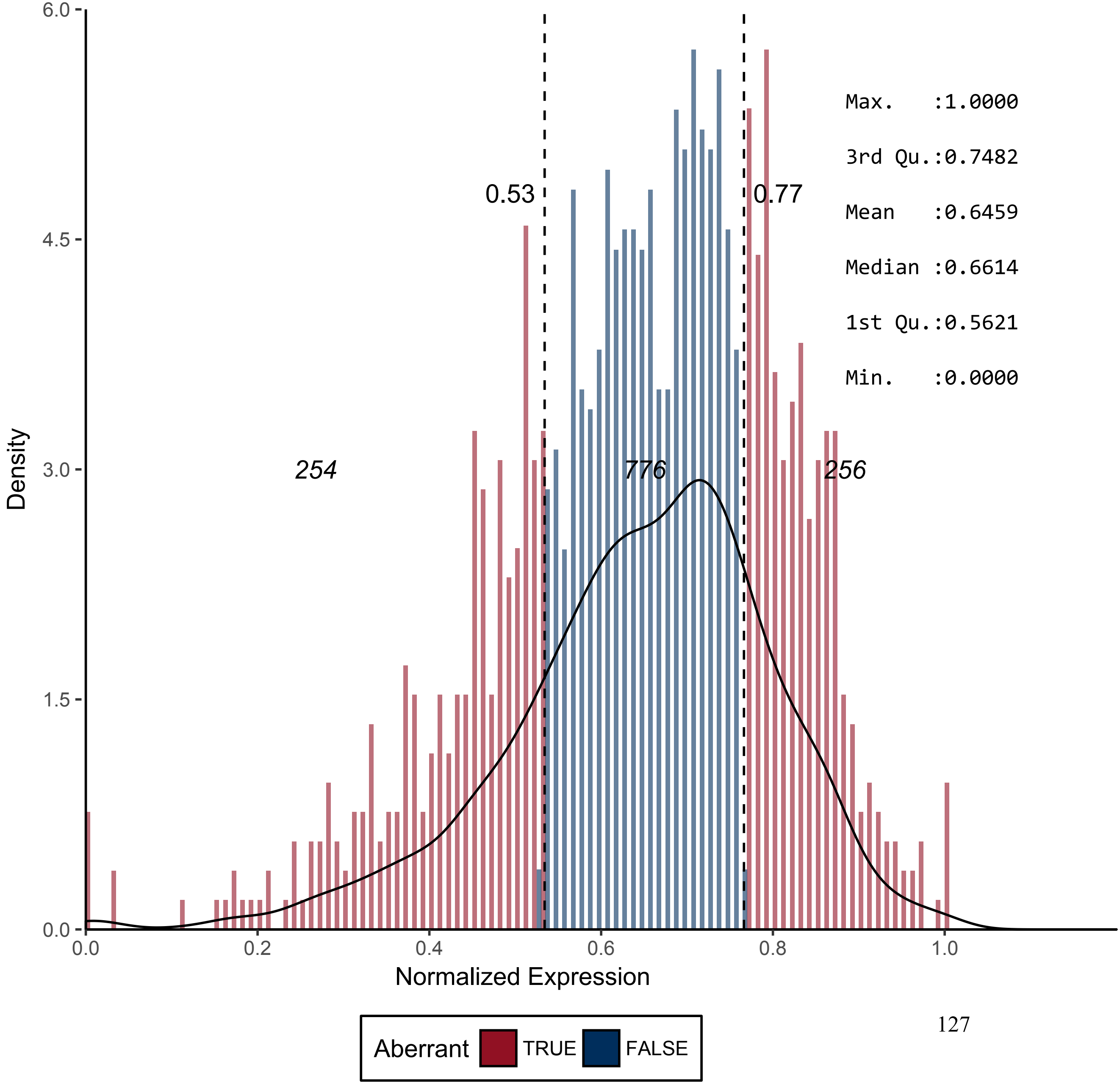


Figure 109 - CD92
Density
Normalized Expression
0.24
0.52
255
773
258
Max.   :1.0000
3rd Qu.:0.4715
Mean   :0.3815
Median :0.3575
1st Qu.:0.2598
Min.   :0.0000
Aberrant
TRUE
FALSE
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0

Figure 110 - CD93



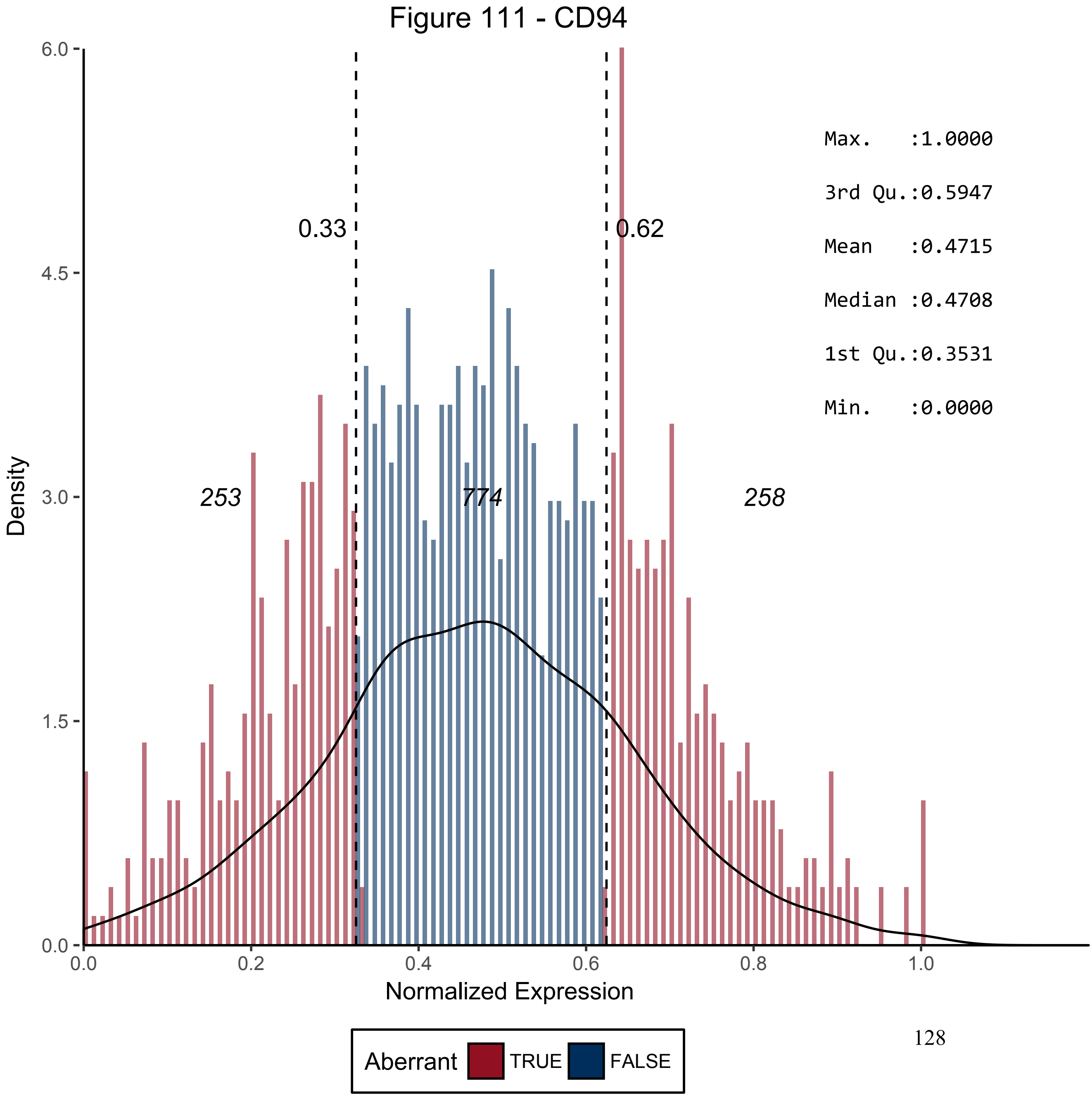


Figure 111 - CD94
Max. :1.0000
3rd Qu.:0.5947
Mean :0.4715
Median :0.4708
1st Qu.:0.3531
Min. :0.0000
0.33
0.62
253
774
258
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 112 - CD95

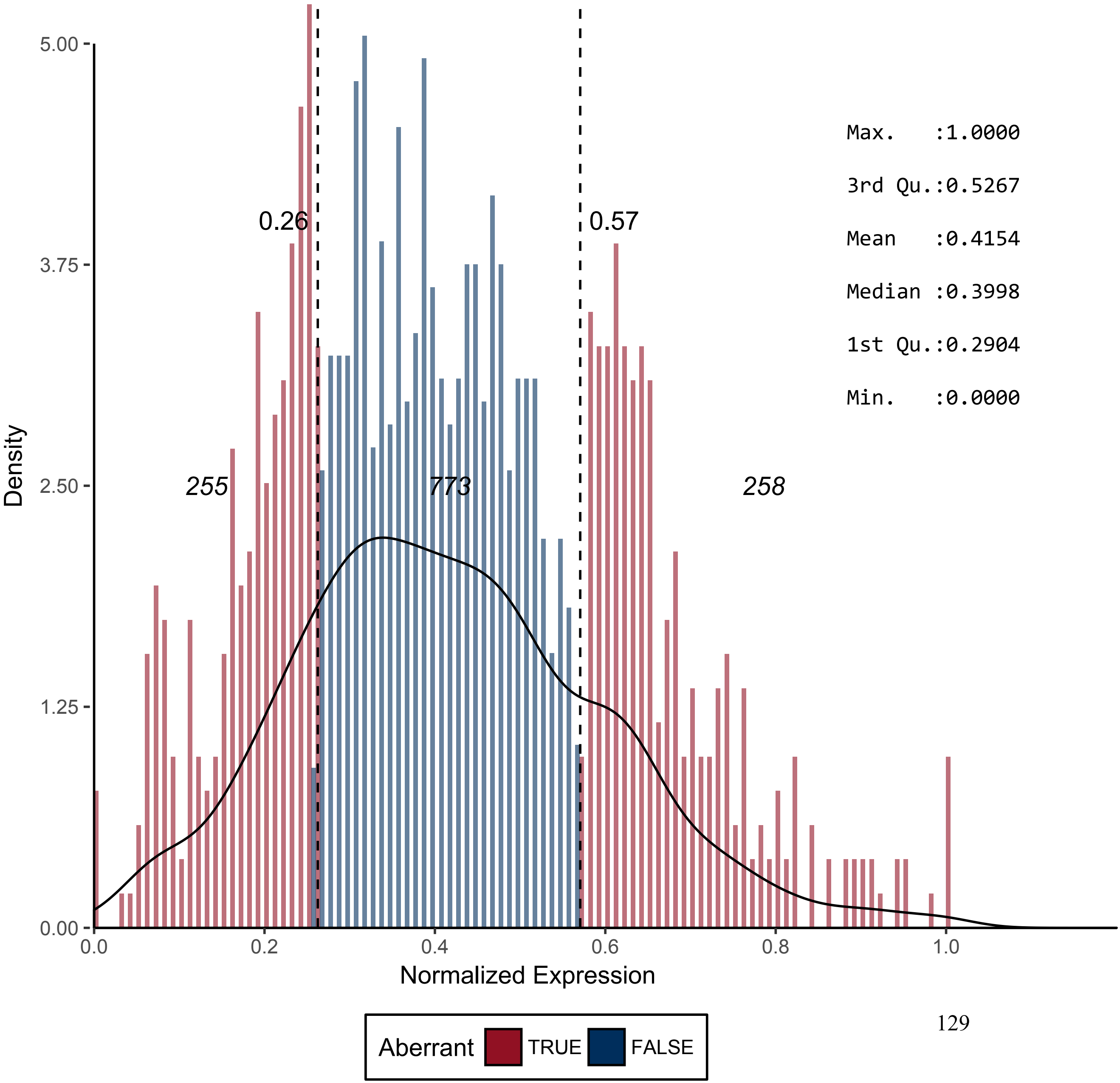


Figure 113 - CD96

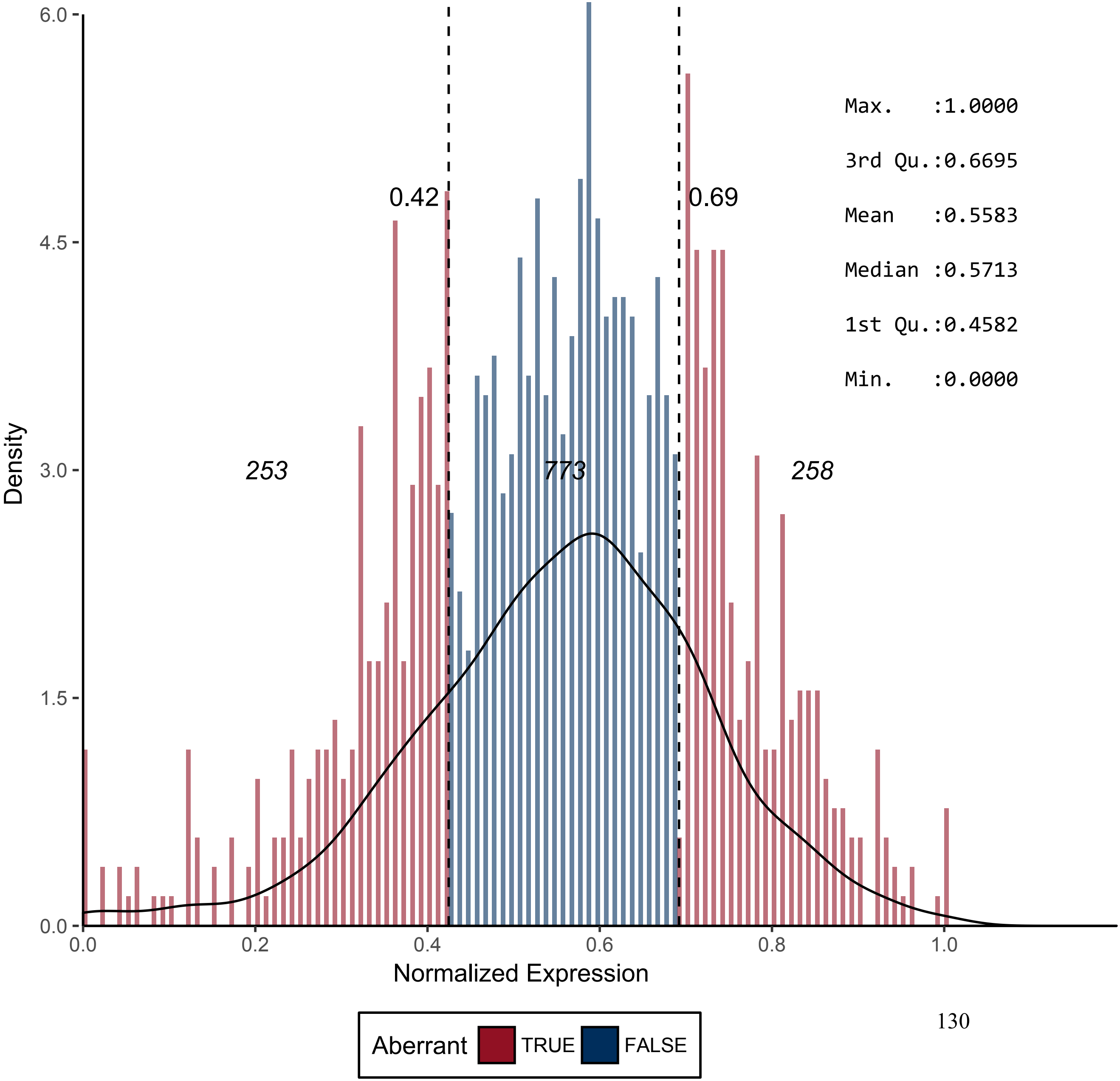
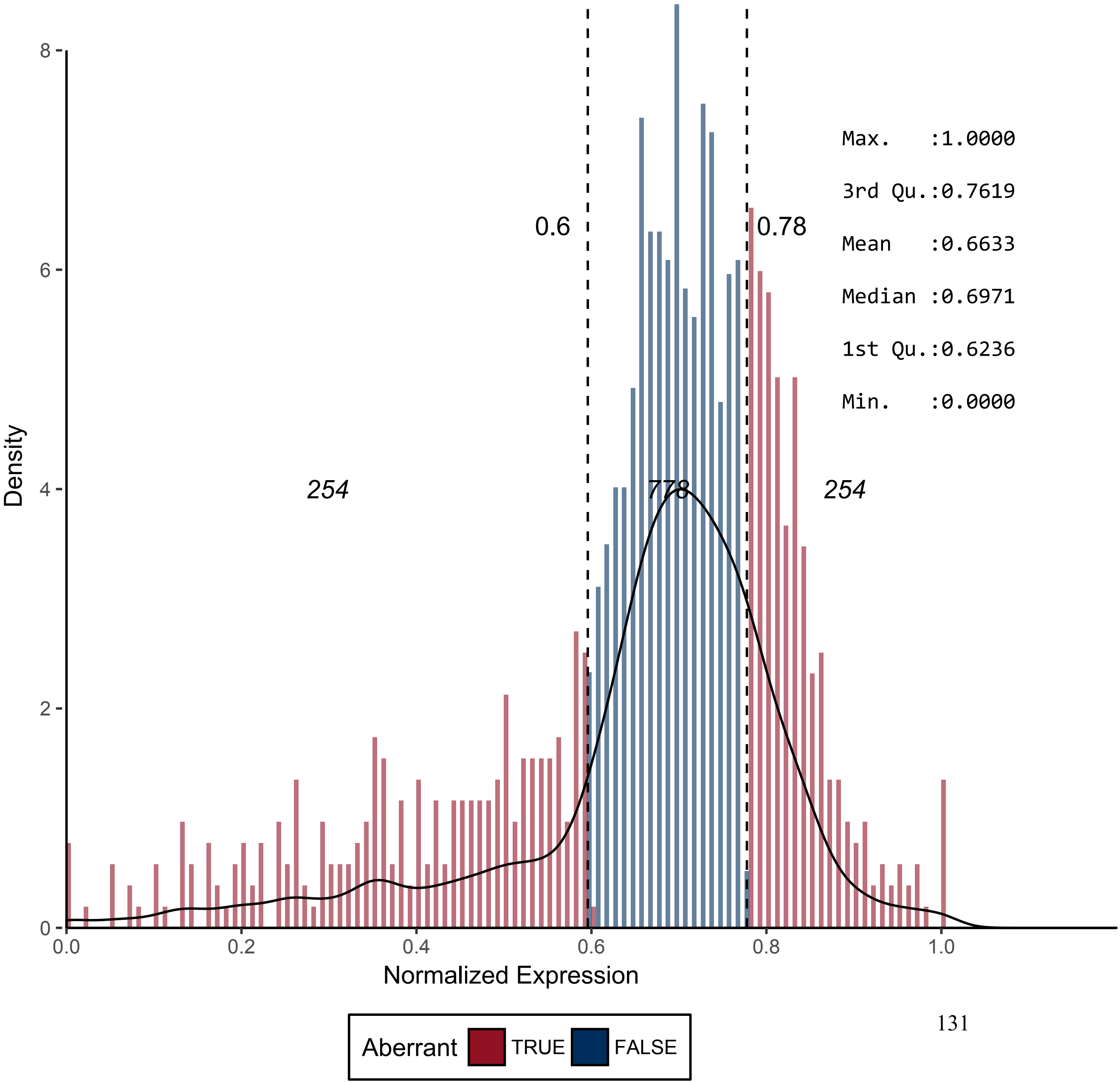


Figure 114 - CD97



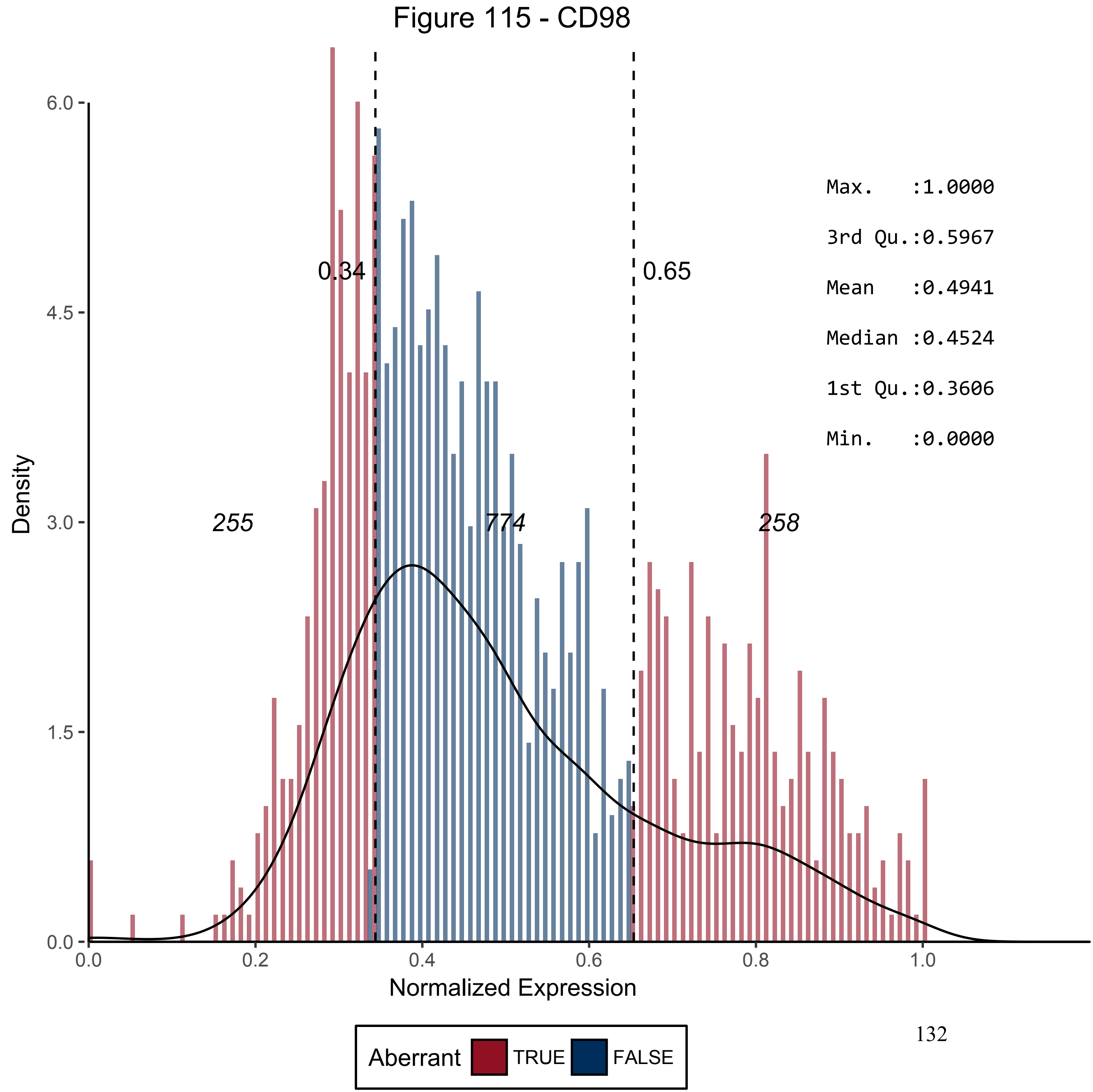


Figure 115 - CD98
Max.   :1.0000
3rd Qu.:0.5967
Mean   :0.4941
Median :0.4524
1st Qu.:0.3606
Min.   :0.0000
0.34
0.65
255
774
258
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

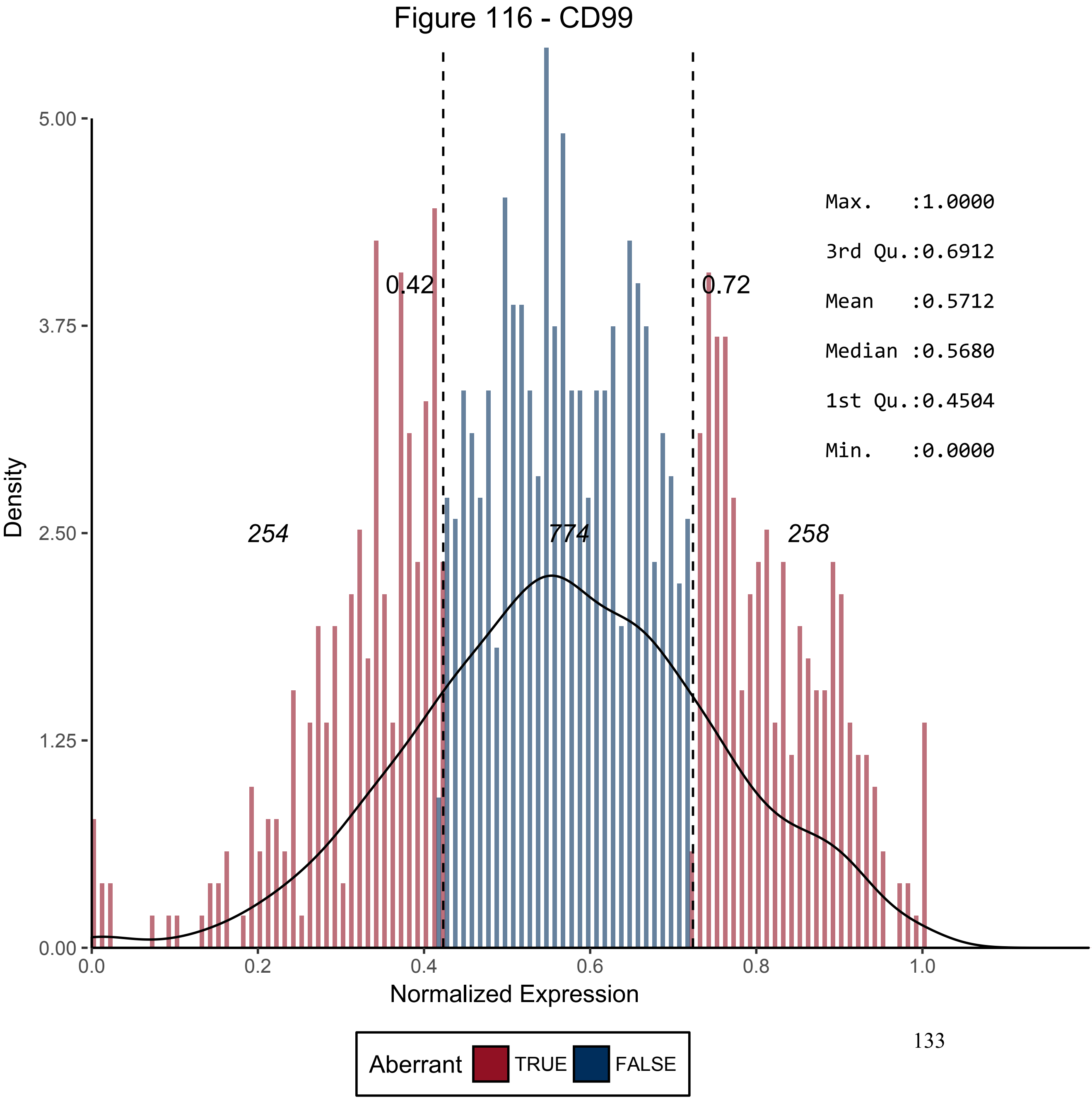


Figure 116 - CD99
Max. :1.0000
3rd Qu.:0.6912
Mean :0.5712
Median :0.5680
1st Qu.:0.4504
Min. :0.0000
0.42
0.72
254
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

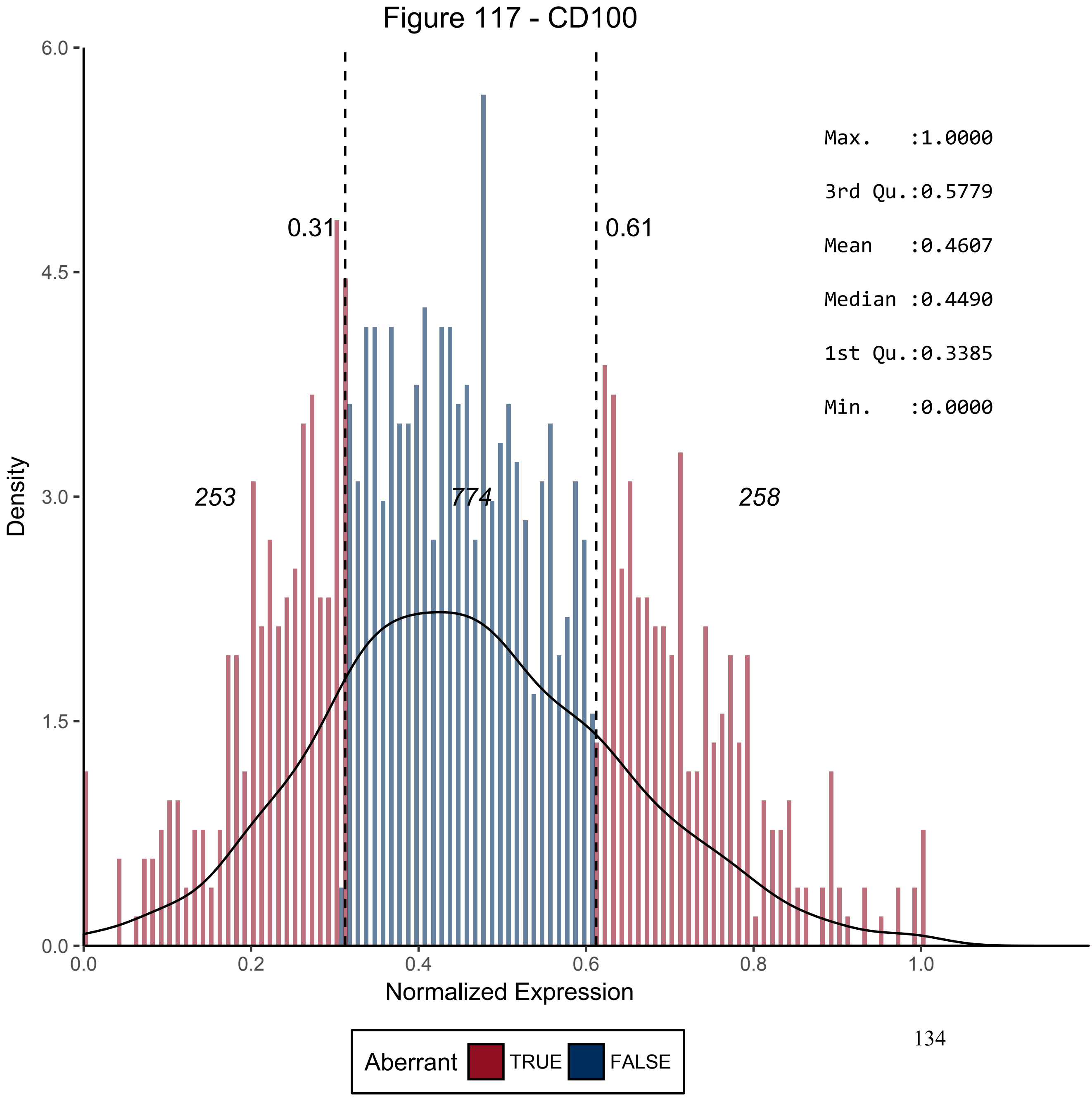


Figure 117 - CD100
Density
Normalized Expression
0.31
0.61
253
774
258
Max. :1.0000
3rd Qu.:0.5779
Mean :0.4607
Median :0.4490
1st Qu.:0.3385
Min. :0.0000
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

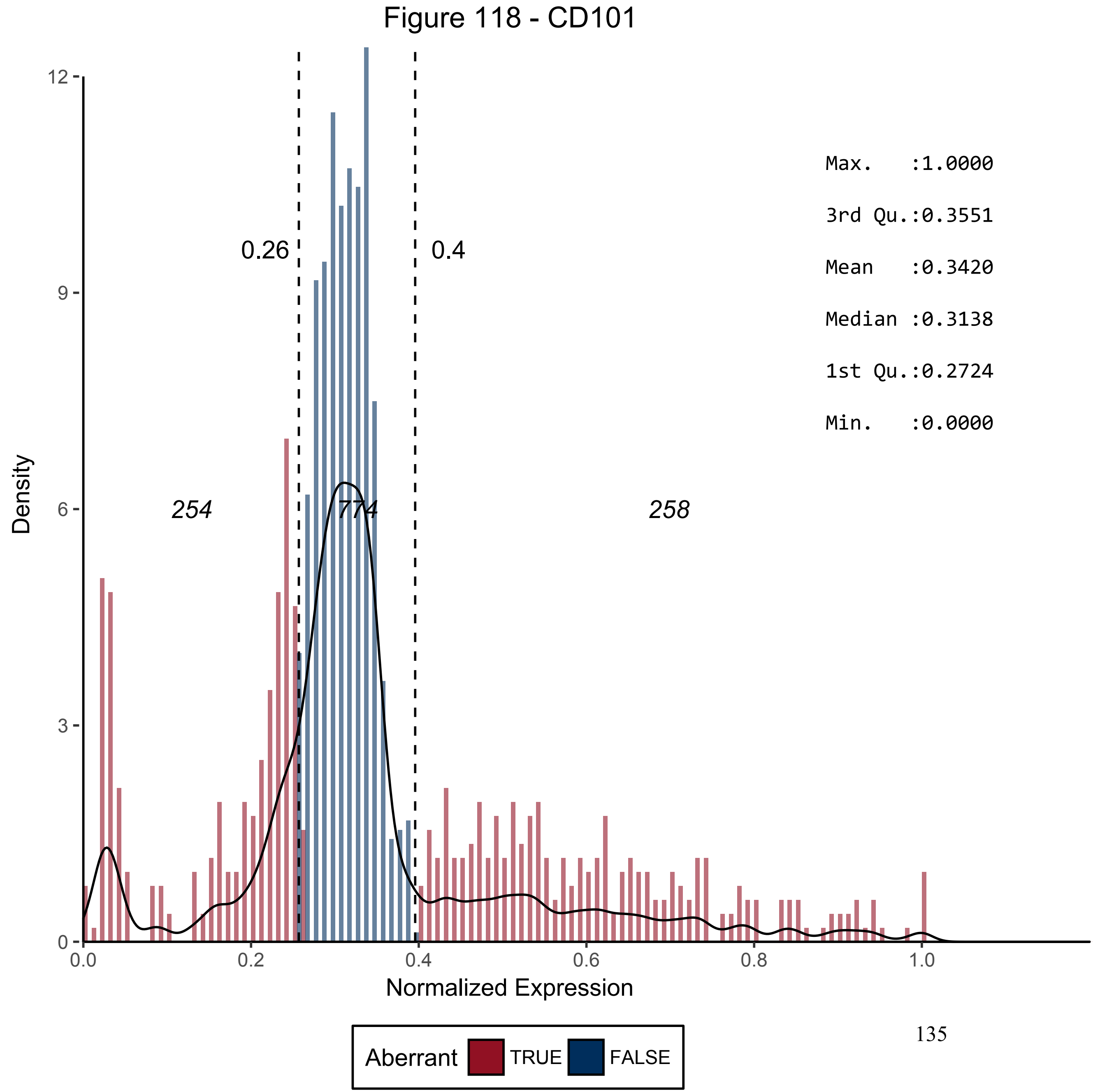


Figure 118 - CD101
Max. :1.0000
3rd Qu.:0.3551
Mean :0.3420
Median :0.3138
1st Qu.:0.2724
Min. :0.0000
0.26
0.4
254
774
258
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
3
6
9
12
Aberrant
TRUE
FALSE

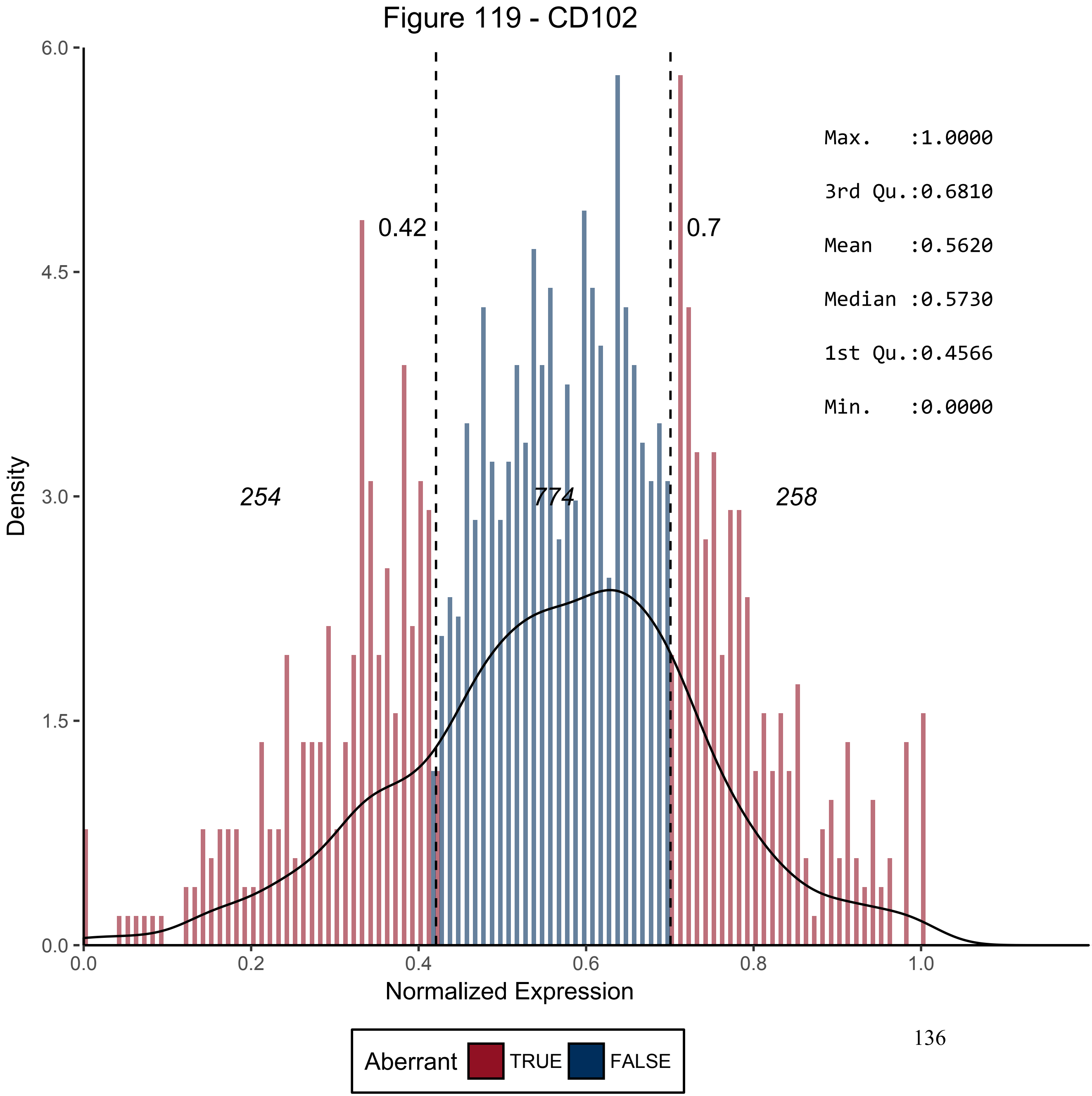


Figure 119 - CD102
Max. :1.0000
3rd Qu.:0.6810
Mean :0.5620
Median :0.5730
1st Qu.:0.4566
Min. :0.0000
0.42
0.7
254
774
258
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

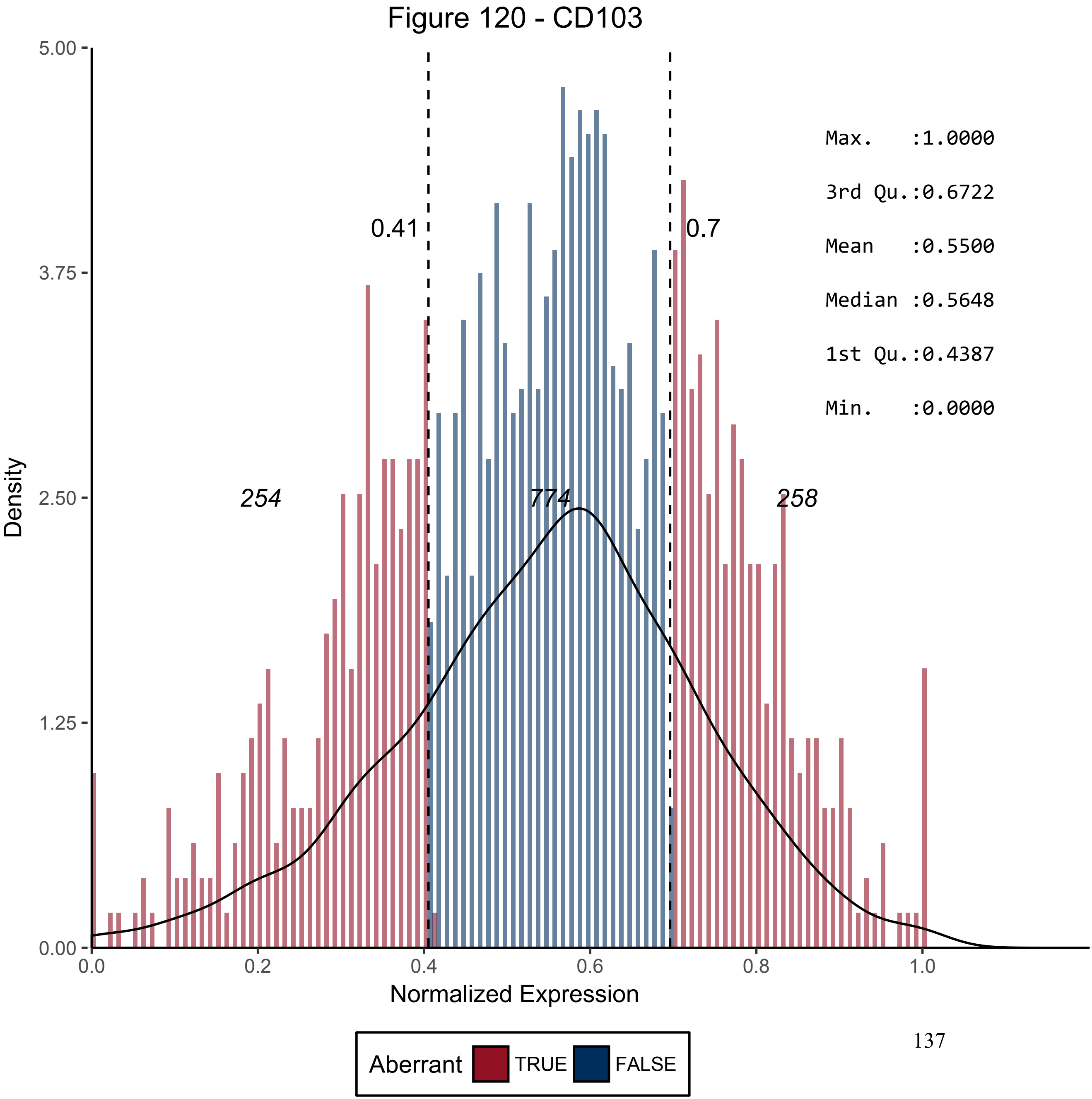


Figure 120 - CD103
Max. :1.0000
3rd Qu.:0.6722
Mean :0.5500
Median :0.5648
1st Qu.:0.4387
Min. :0.0000
0.41
0.7
254
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

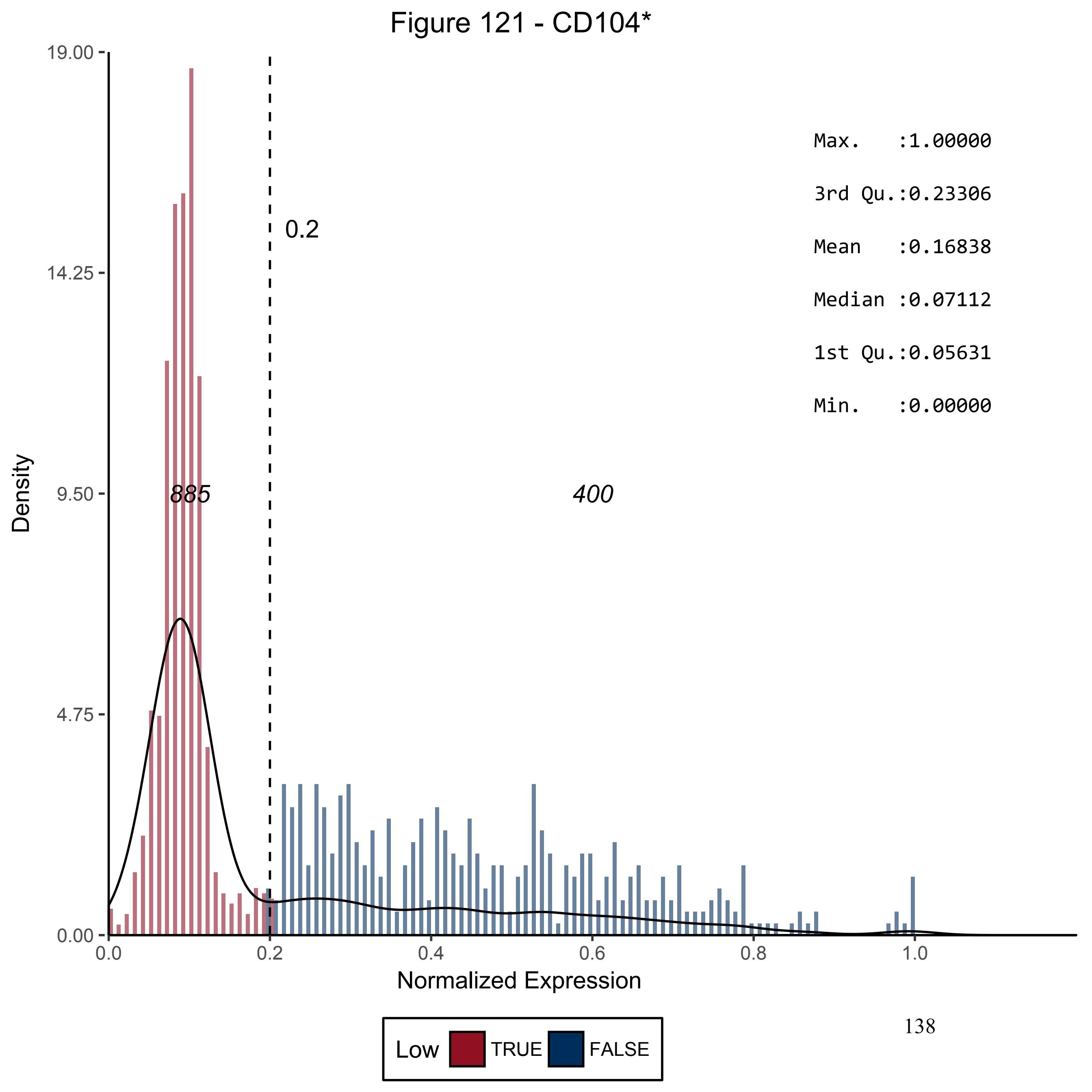


Figure 121 - CD104*
19.00
14.25
9.50
4.75
0.00
Density
0.2
885
400
Max.   :1.00000
3rd Qu.:0.23306
Mean   :0.16838
Median :0.07112
1st Qu.:0.05631
Min.   :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

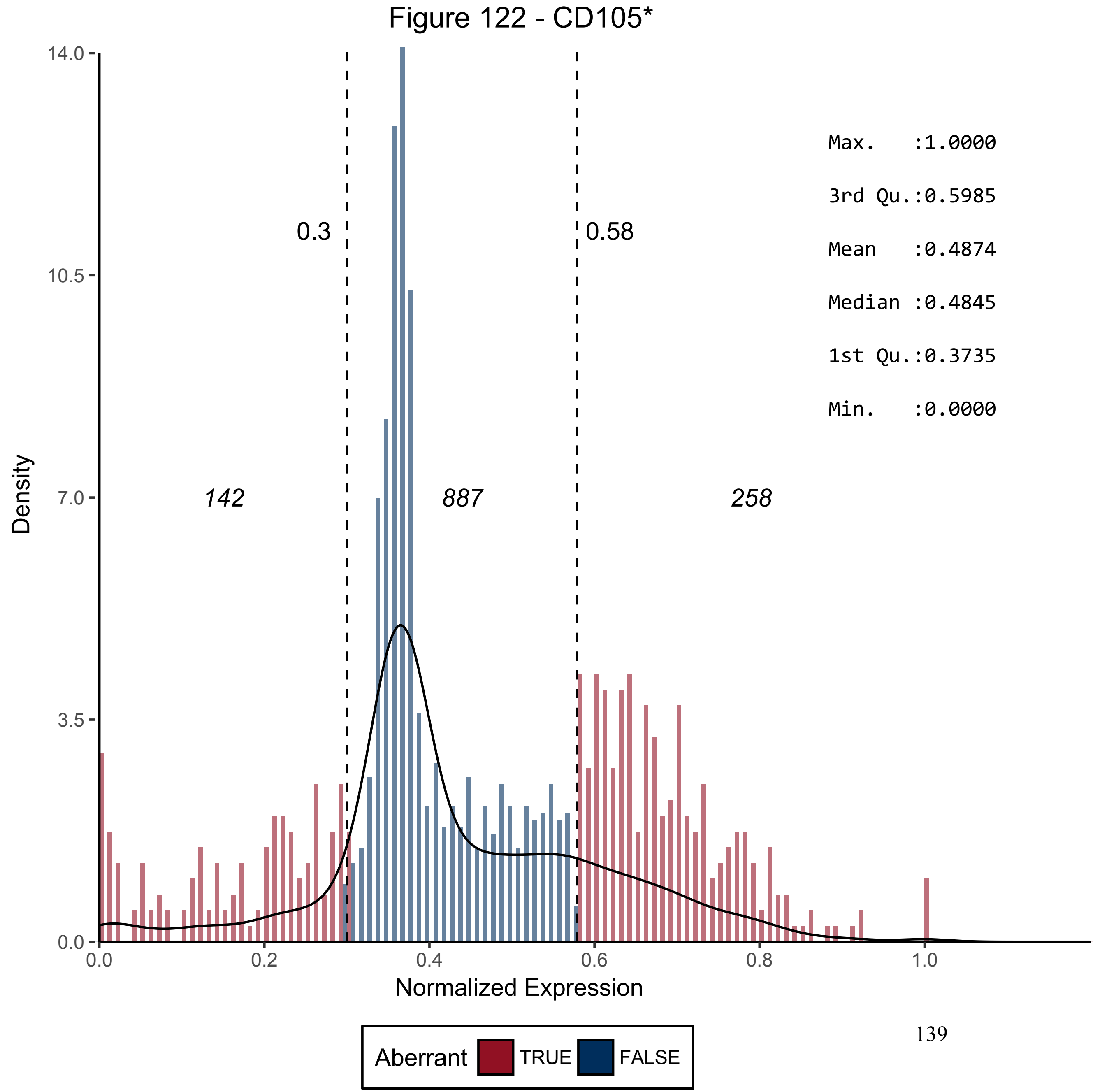


Figure 122 - CD105*
Max.   :1.0000
3rd Qu.:0.5985
Mean   :0.4874
Median :0.4845
1st Qu.:0.3735
Min.   :0.0000
0.3
0.58
142
887
258
Density
Normalized Expression
14.0
10.5
7.0
3.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

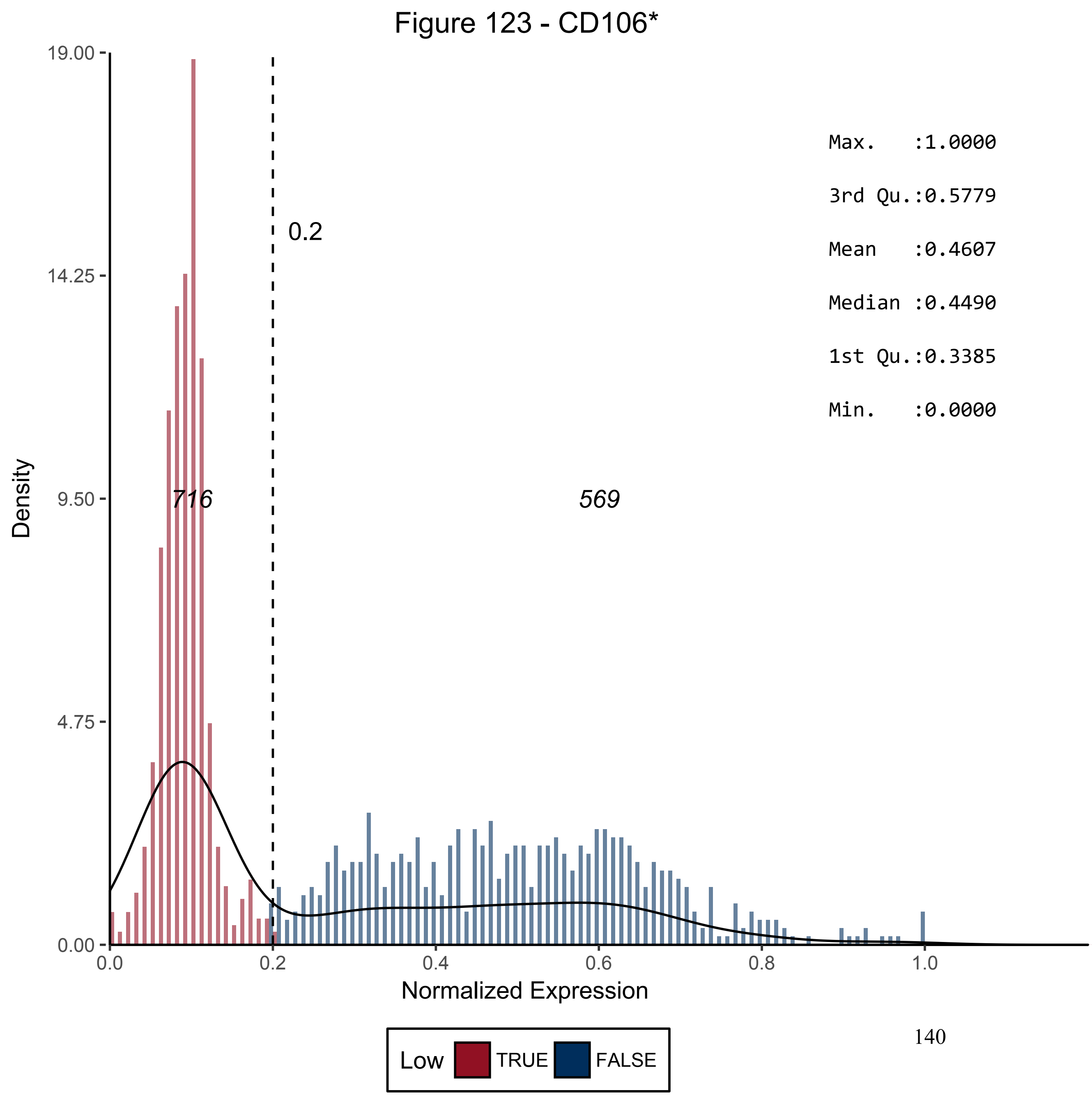


Figure 123 - CD106*
Max. :1.0000
3rd Qu.:0.5779
Mean :0.4607
Median :0.4490
1st Qu.:0.3385
Min. :0.0000
0.2
716
569
Density
19.00
14.25
9.50
4.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

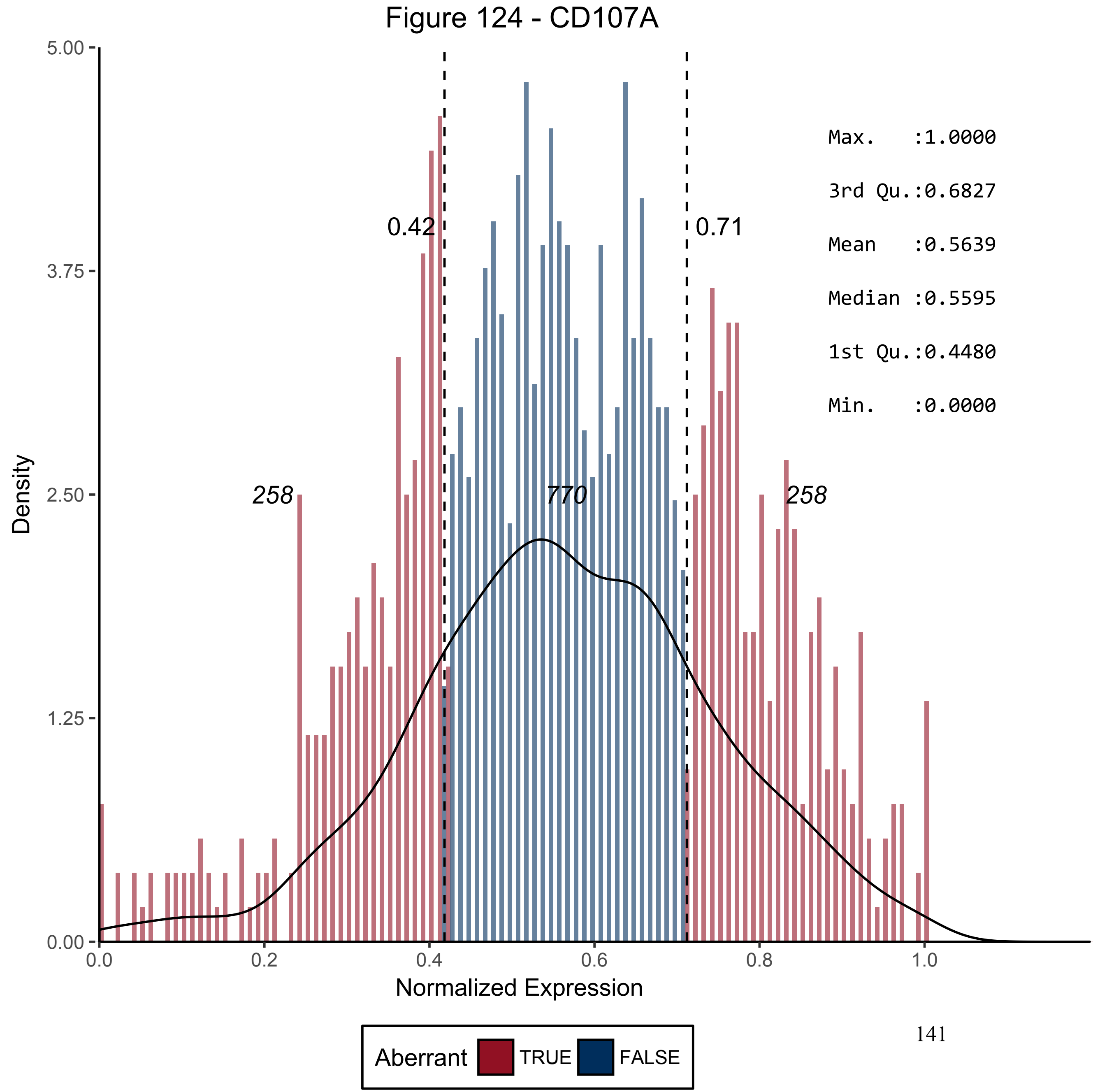


Figure 124 - CD107A
5.00
3.75
2.50
1.25
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.42
0.71
258
770
258
Max. :1.0000
3rd Qu.:0.6827
Mean :0.5639
Median :0.5595
1st Qu.:0.4480
Min. :0.0000
Aberrant
TRUE
FALSE

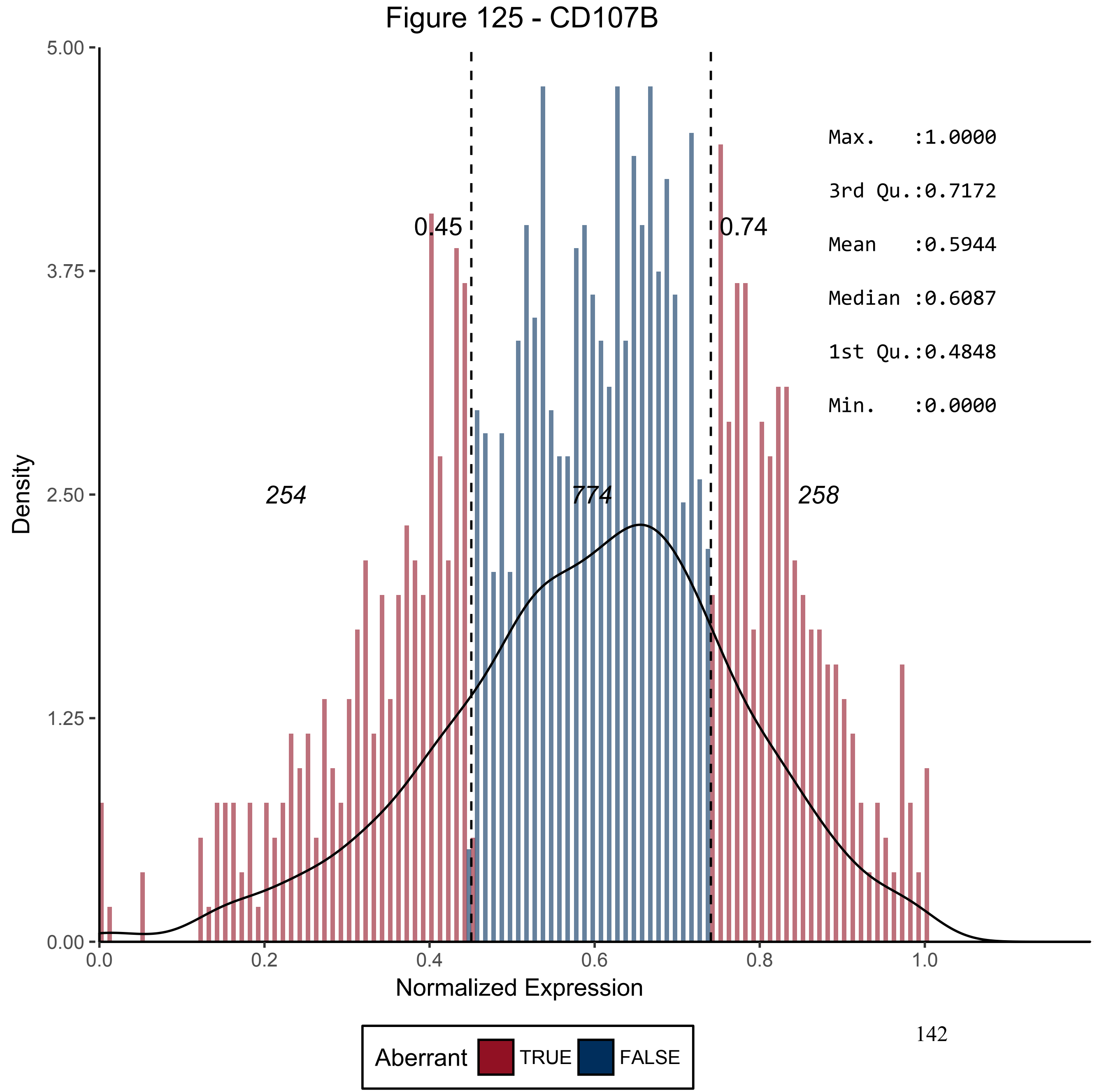


Figure 125 - CD107B
Max. :1.0000
3rd Qu.:0.7172
Mean :0.5944
Median :0.6087
1st Qu.:0.4848
Min. :0.0000
0.45
0.74
254
774
258
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

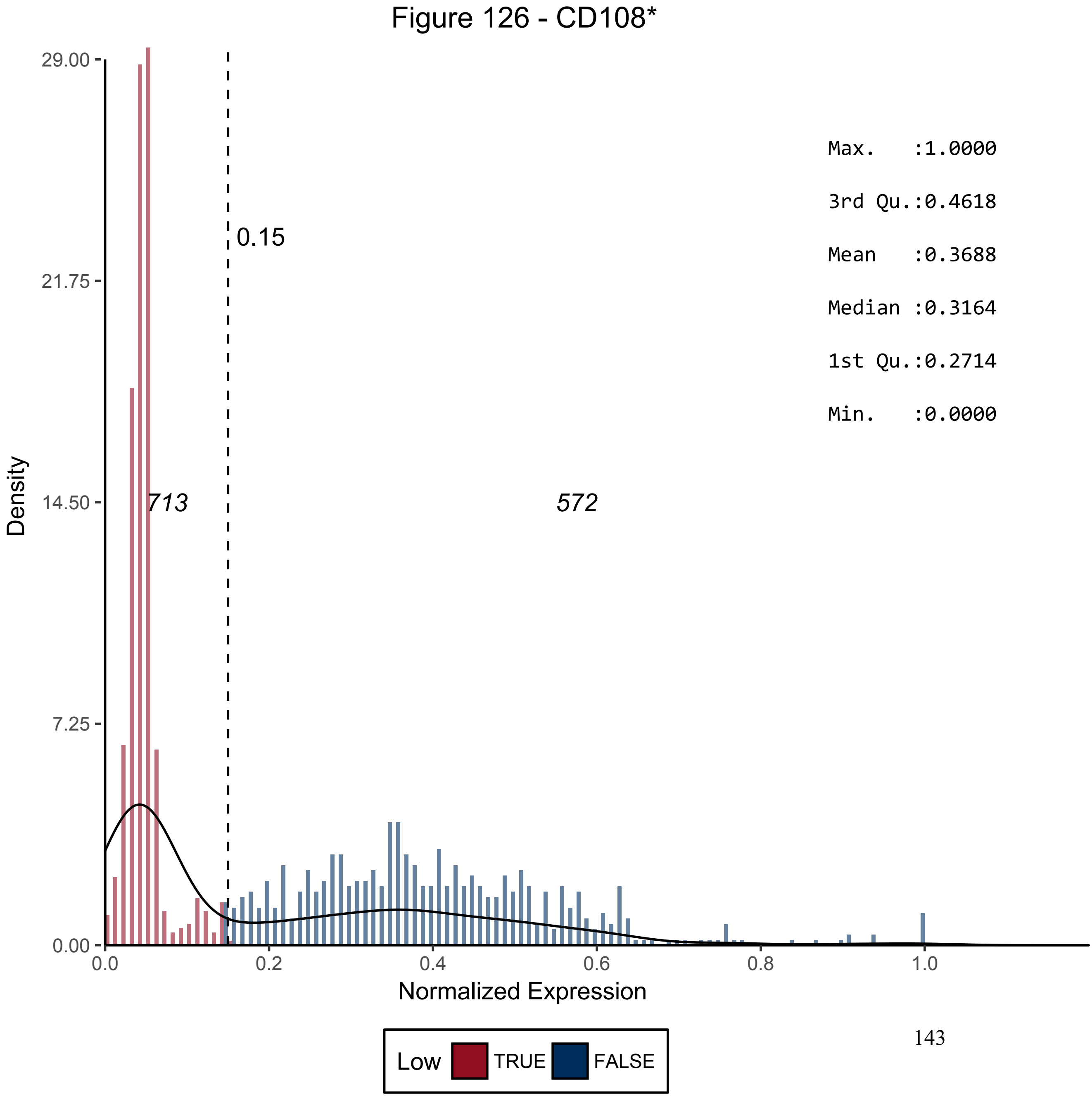


Figure 126 - CD108*
29.00
21.75
14.50
7.25
0.00
Density
0.15
713
572
Max. :1.0000
3rd Qu.:0.4618
Mean :0.3688
Median :0.3164
1st Qu.:0.2714
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

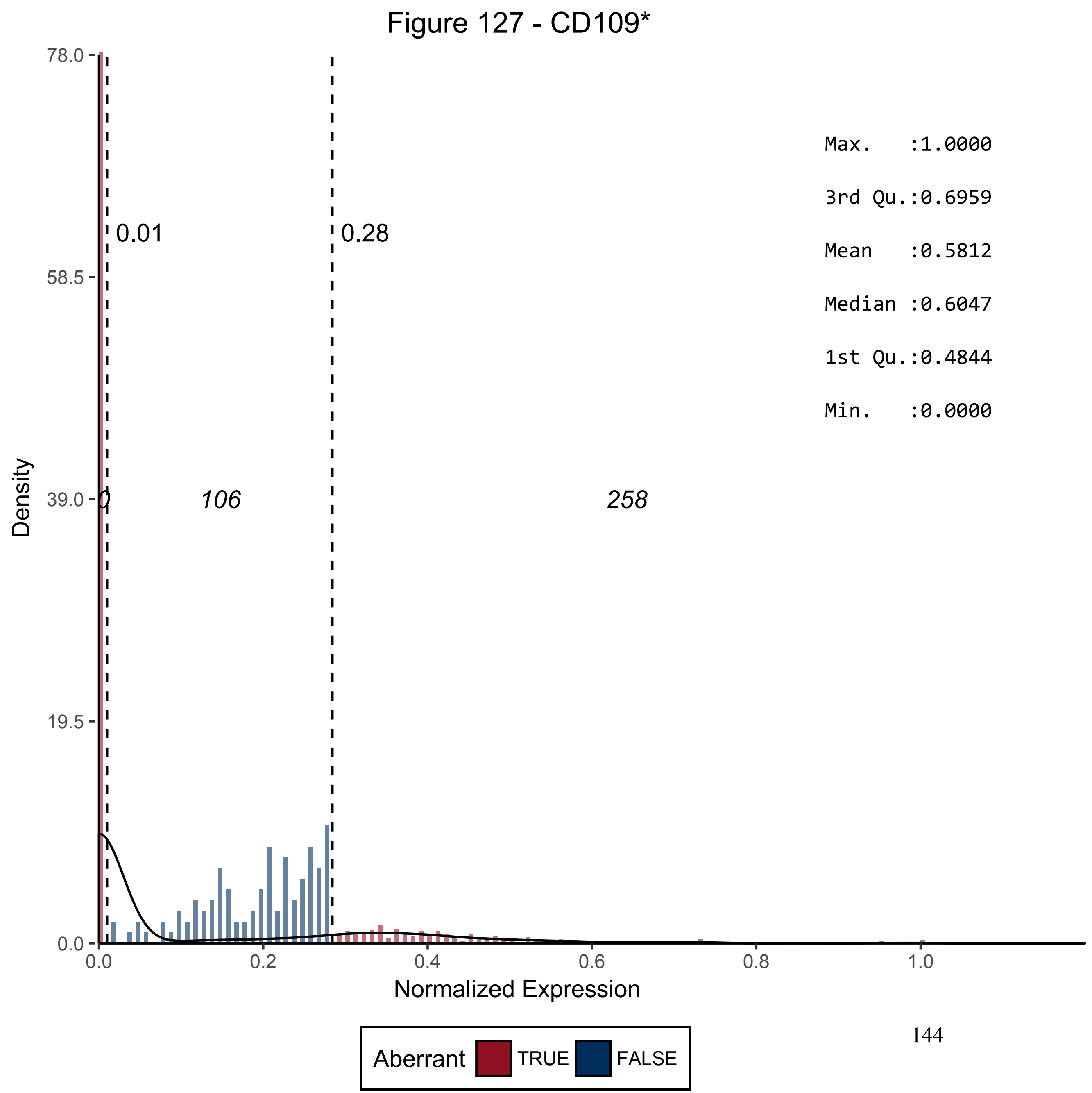


Figure 127 - CD109*
Max. :1.0000
3rd Qu.:0.6959
Mean :0.5812
Median :0.6047
1st Qu.:0.4844
Min. :0.0000
0.01
0.28
0
106
258
78.0
58.5
39.0
19.5
0.0
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

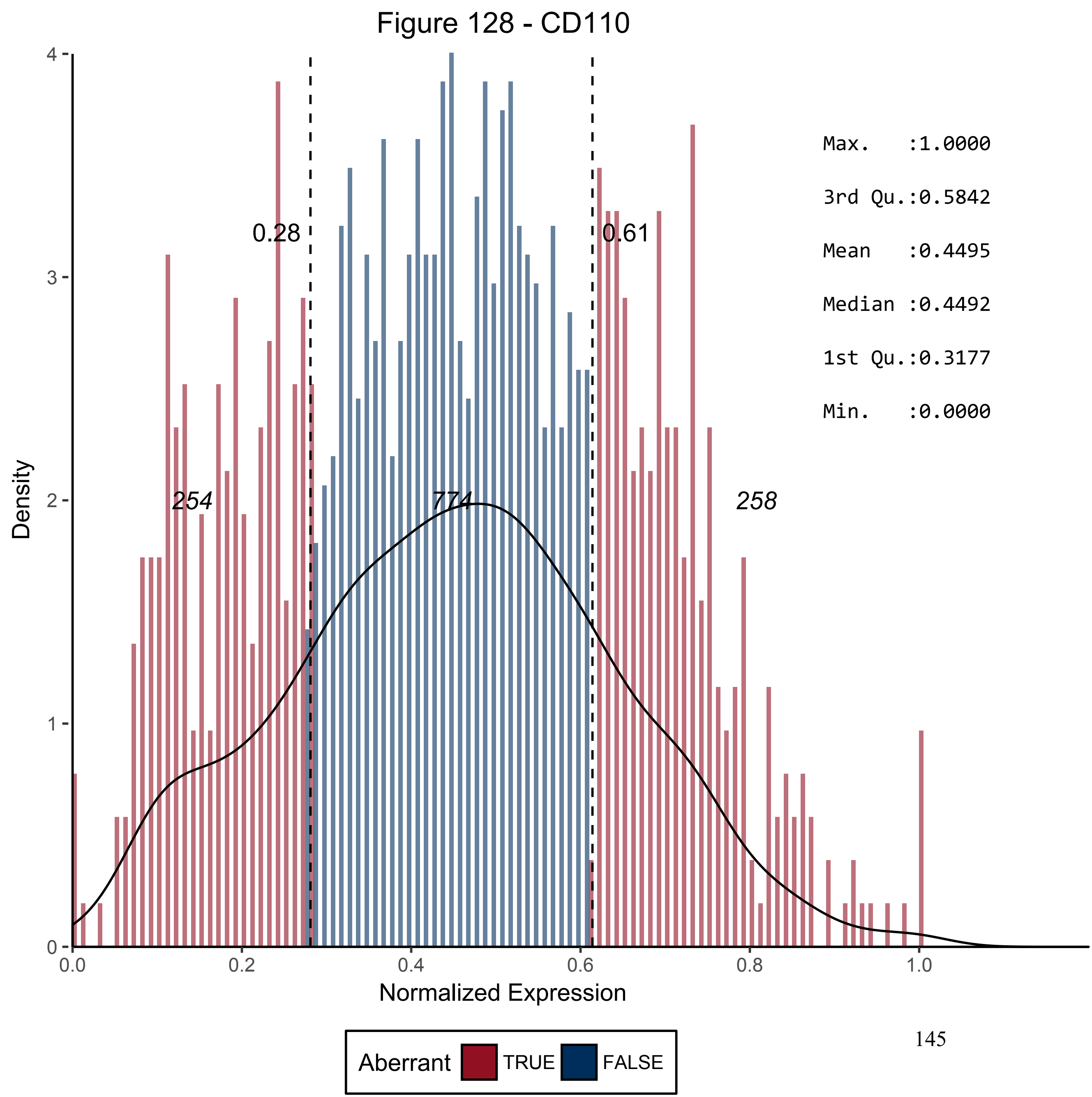


Figure 128 - CD110
0.28
0.61
Max. :1.0000
3rd Qu.:0.5842
Mean :0.4495
Median :0.4492
1st Qu.:0.3177
Min. :0.0000
254
774
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

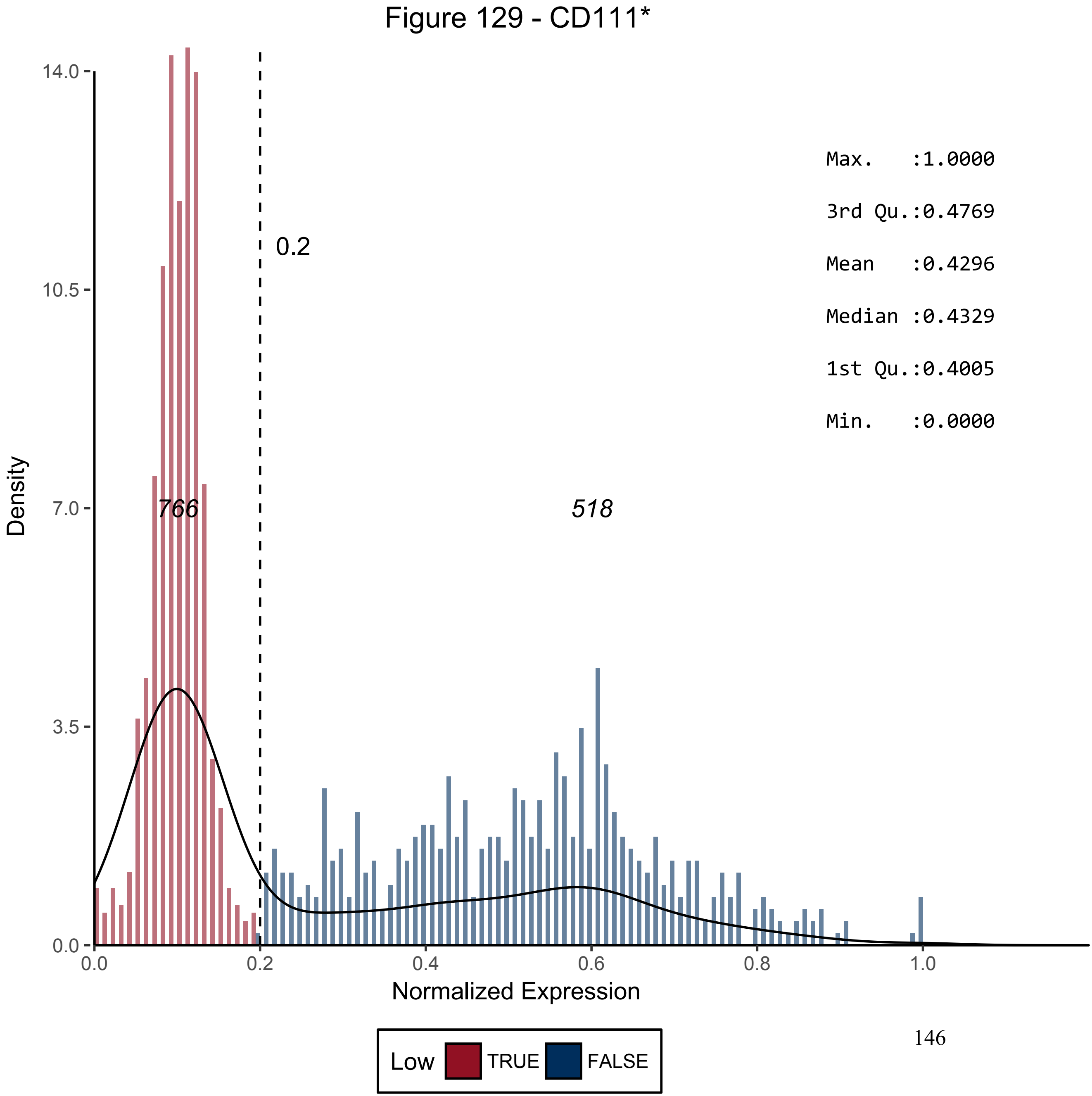
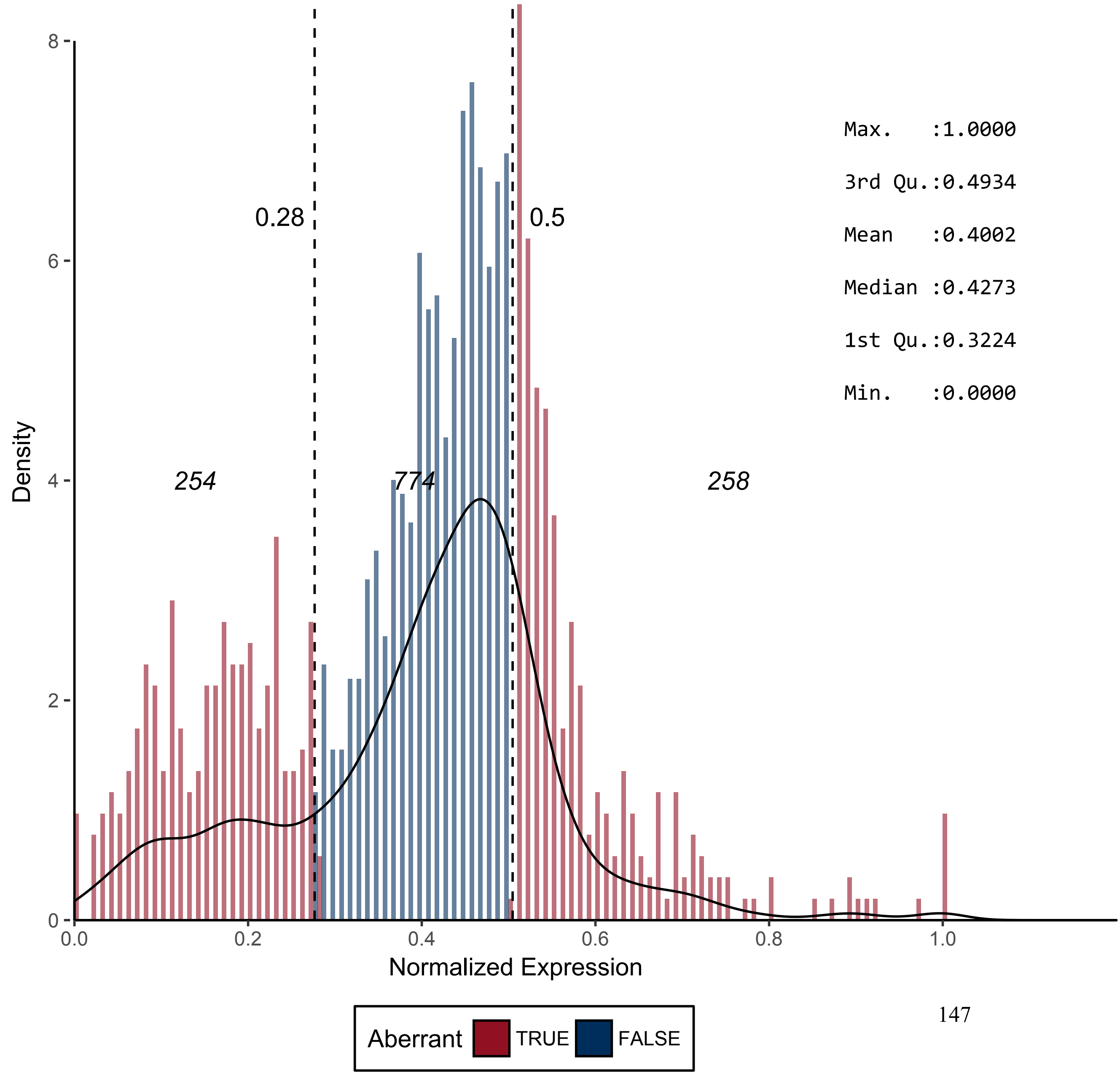


Figure 129 - CD111*
Max.   :1.0000
3rd Qu.:0.4769
Mean   :0.4296
Median :0.4329
1st Qu.:0.4005
Min.   :0.0000
0.2
766
518
Density
Normalized Expression
14.0
10.5
7.0
3.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

Figure 130 - CD112



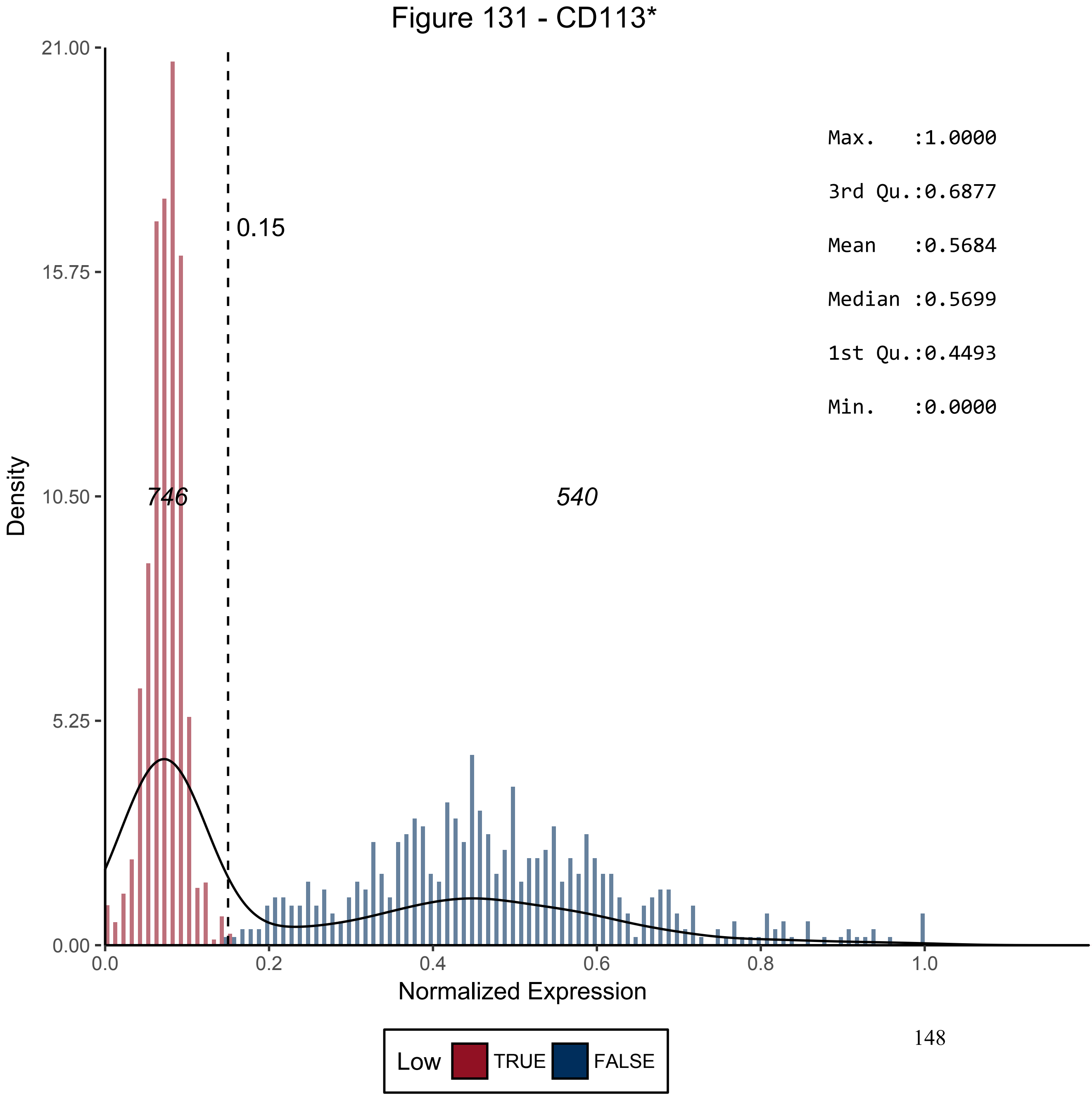


Figure 131 - CD113*
21.00
15.75
10.50
5.25
0.00
Density
0.15
746
540
Max.   :1.0000
3rd Qu.:0.6877
Mean   :0.5684
Median :0.5699
1st Qu.:0.4493
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

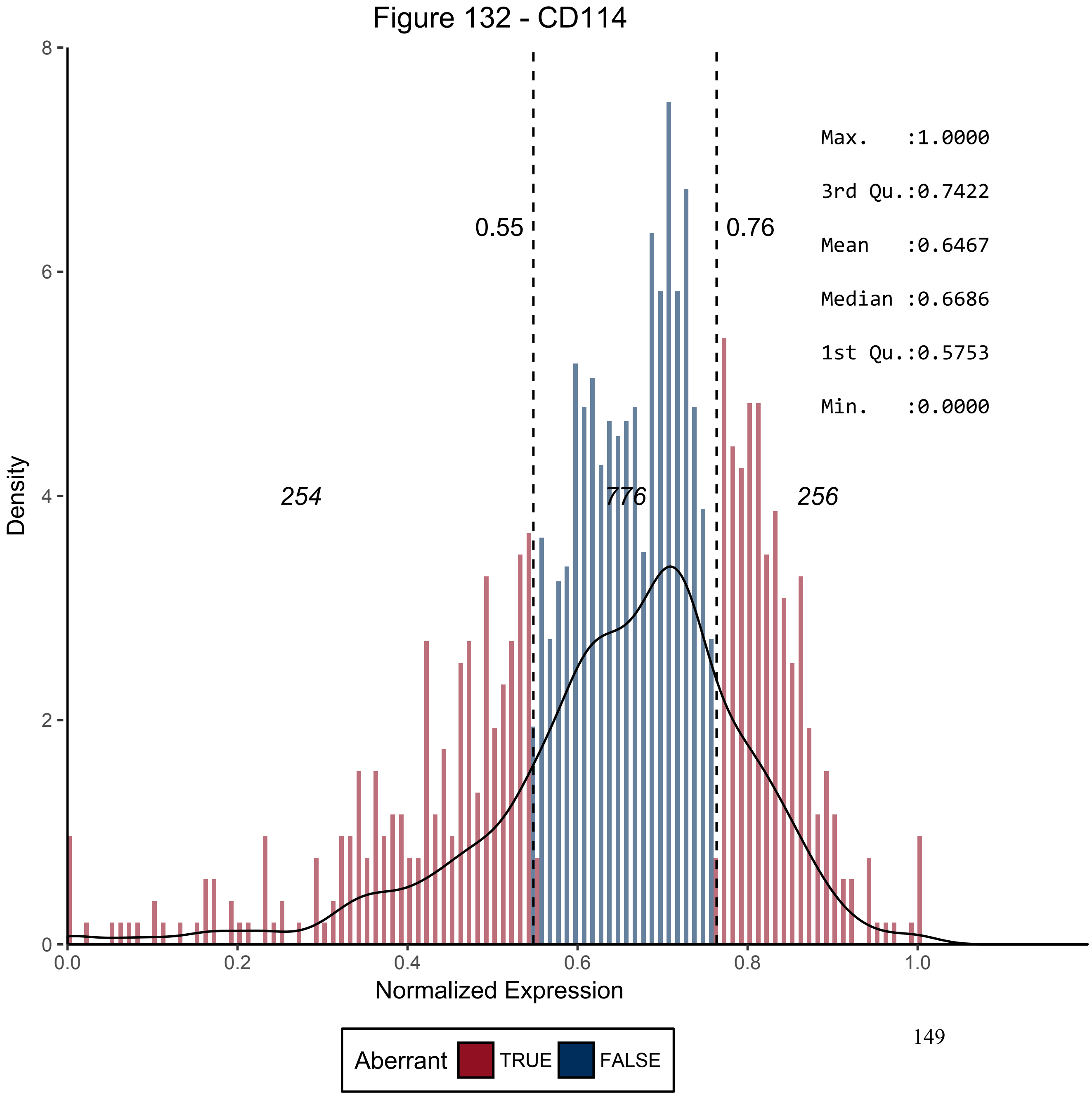


Figure 132 - CD114
0.55
0.76
Max.   :1.0000
3rd Qu.:0.7422
Mean   :0.6467
Median :0.6686
1st Qu.:0.5753
Min.   :0.0000
254
776
256
Density
Normalized Expression
0
2
4
6
8
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

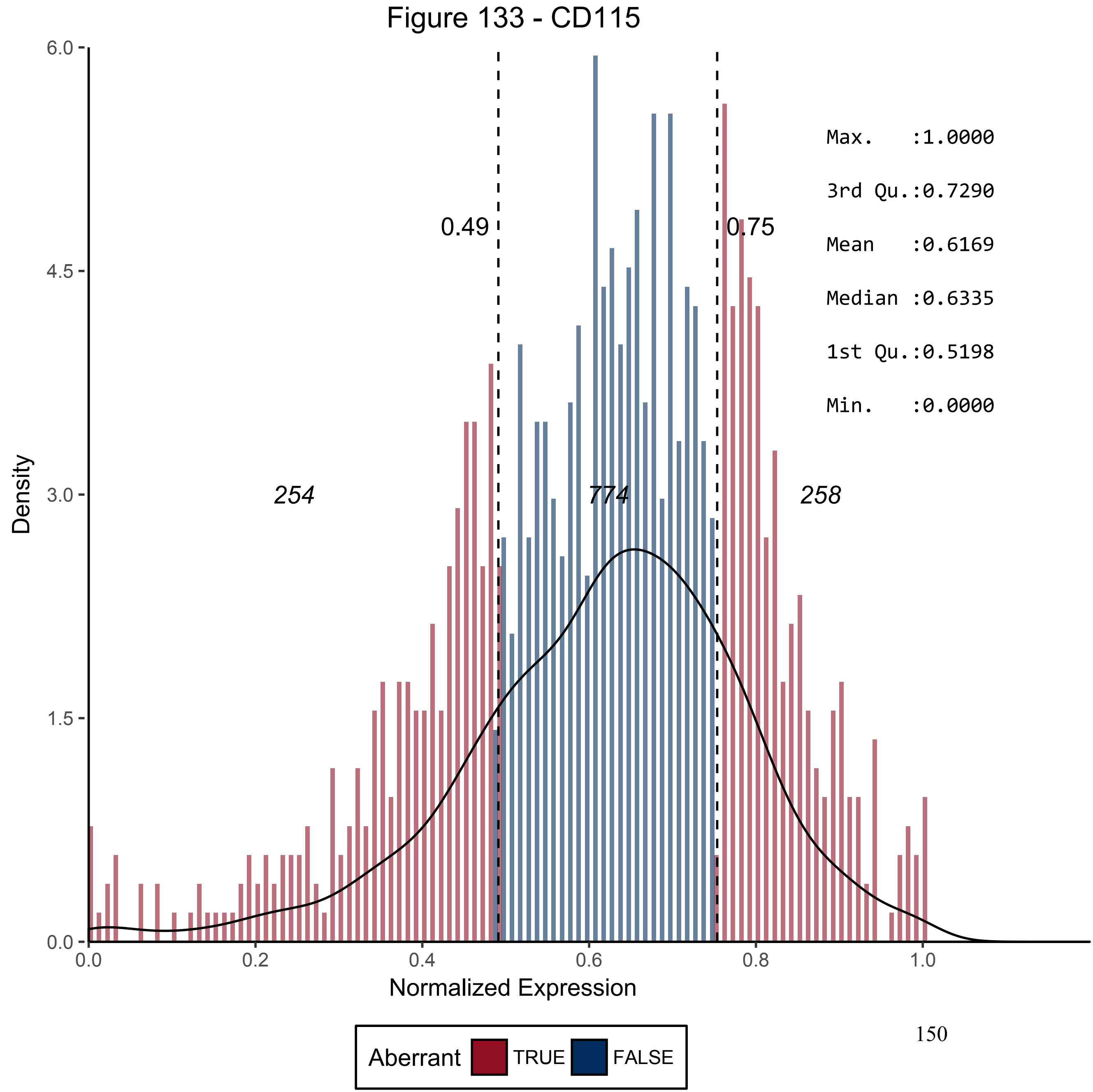


Figure 133 - CD115
Max.   :1.0000
3rd Qu.:0.7290
Mean   :0.6169
Median :0.6335
1st Qu.:0.5198
Min.   :0.0000
0.49
0.75
254
774
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

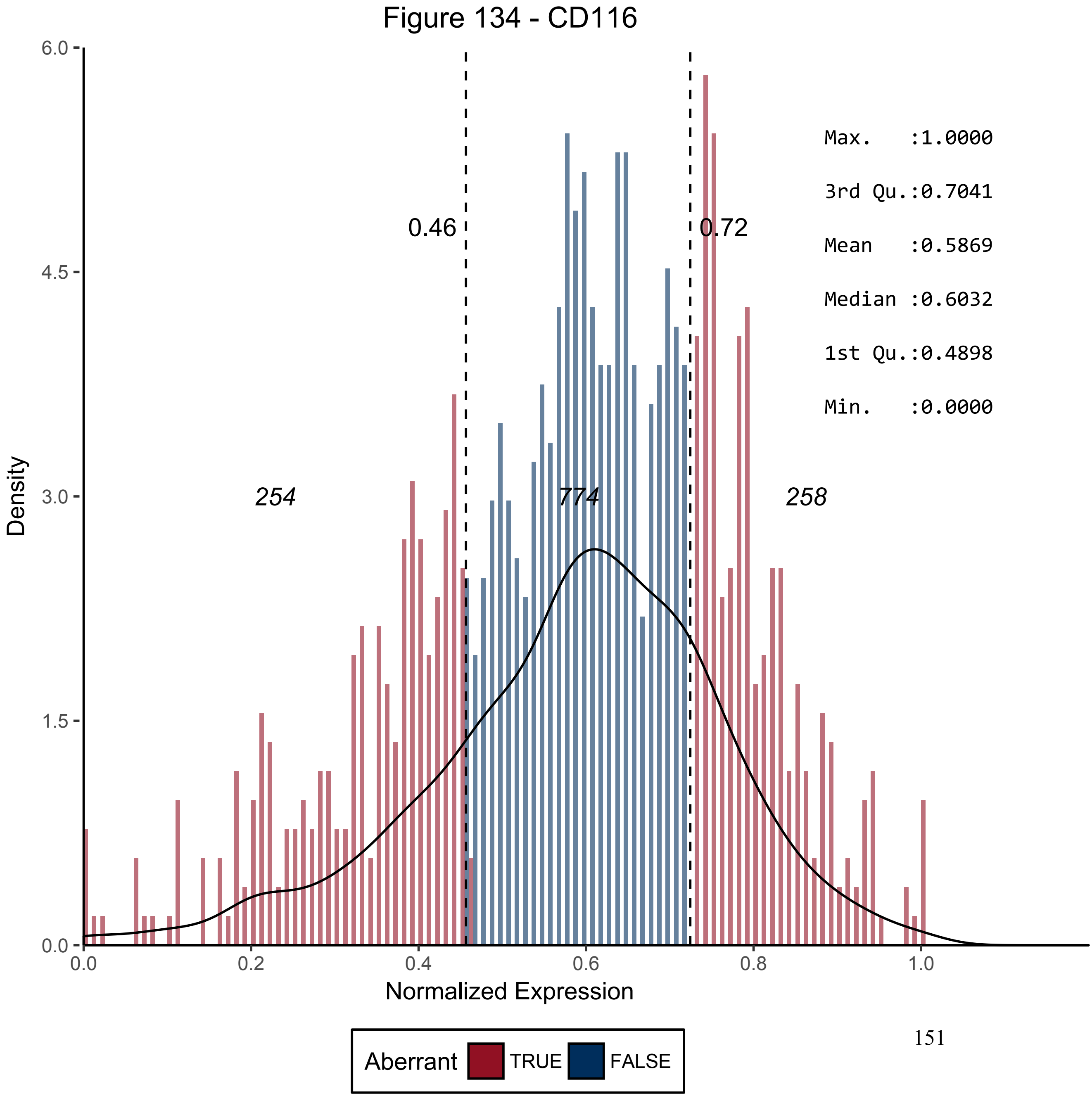


Figure 134 - CD116
Density
Normalized Expression
0.46
0.72
254
774
258
Max.   :1.0000
3rd Qu.:0.7041
Mean   :0.5869
Median :0.6032
1st Qu.:0.4898
Min.   :0.0000
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

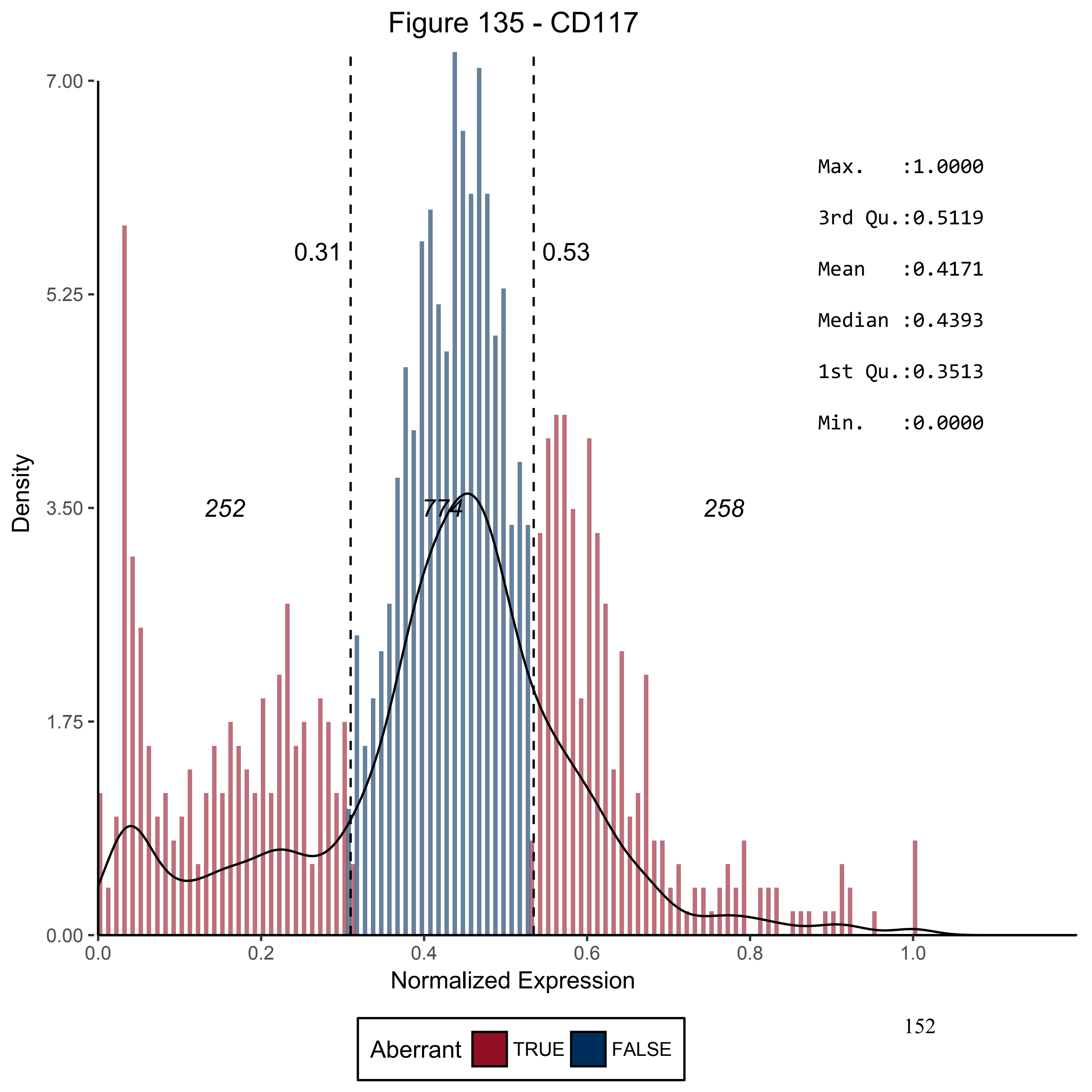


Figure 135 - CD117
Max.   :1.0000
3rd Qu.:0.5119
Mean   :0.4171
Median :0.4393
1st Qu.:0.3513
Min.   :0.0000
0.31
0.53
252
774
258
Density
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

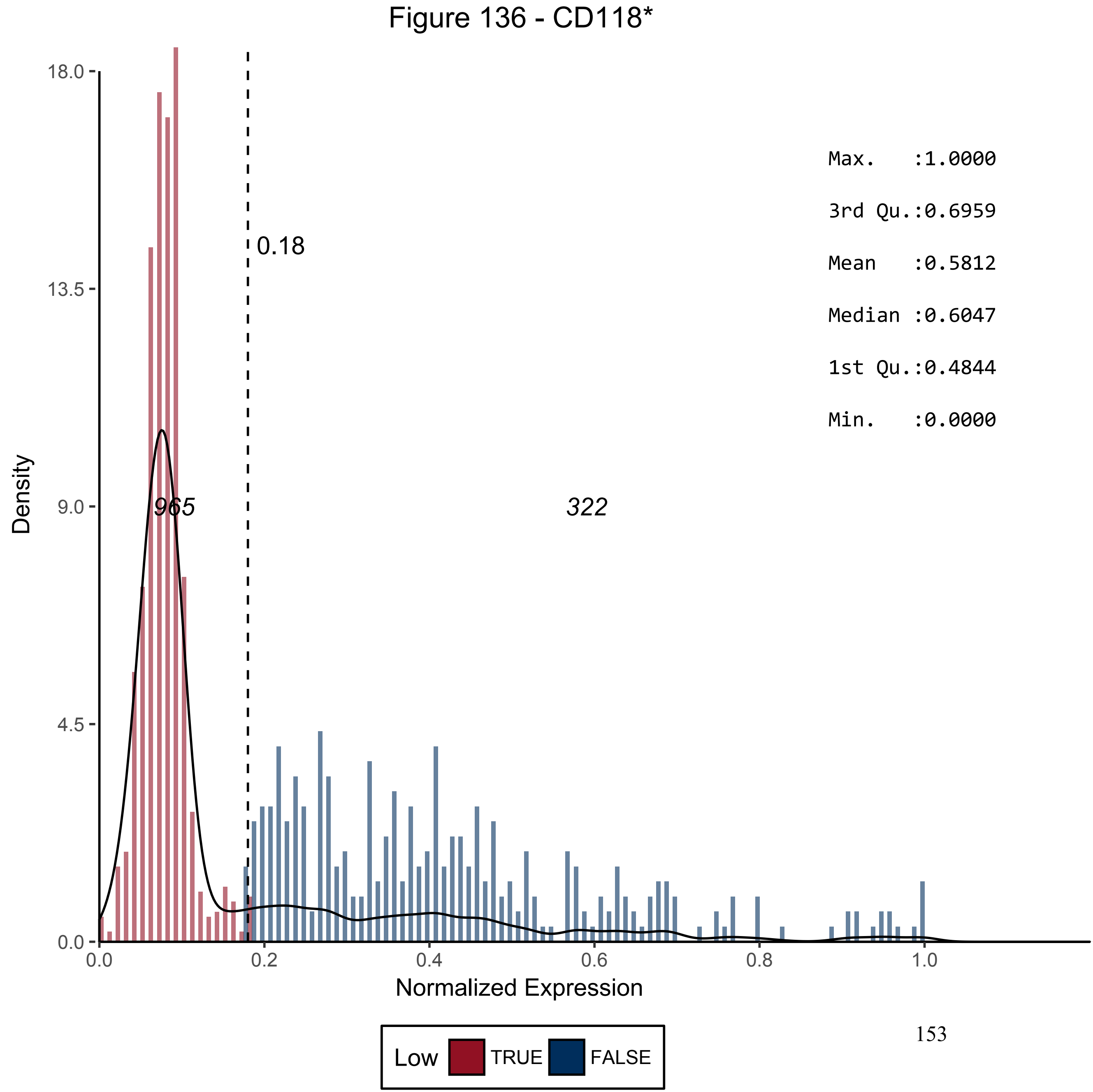


Figure 136 - CD118*
Max.   :1.0000
3rd Qu.:0.6959
Mean   :0.5812
Median :0.6047
1st Qu.:0.4844
Min.   :0.0000
0.18
965
322
Density
18.0
13.5
9.0
4.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

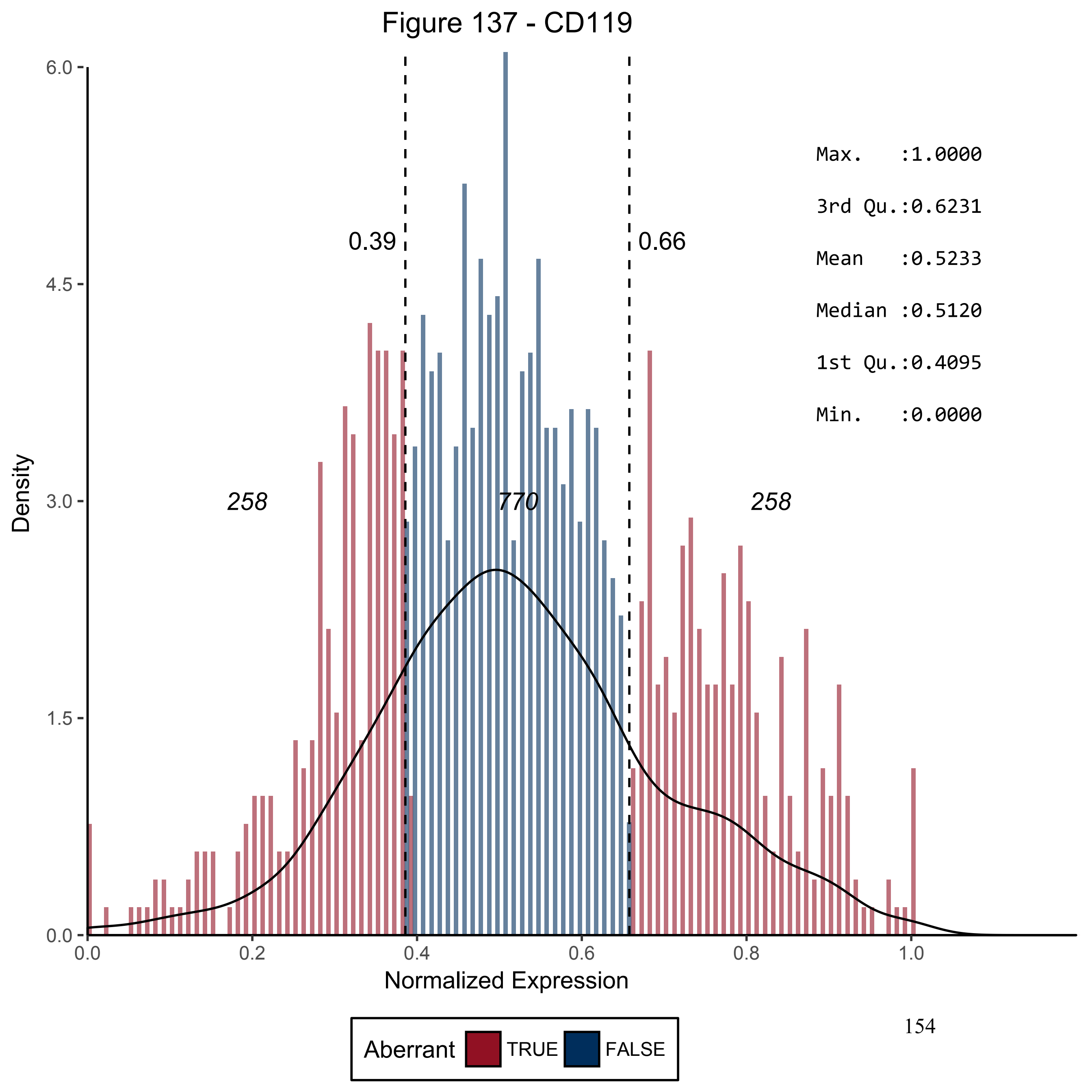


Figure 137 - CD119
Max. :1.0000
3rd Qu.:0.6231
Mean :0.5233
Median :0.5120
1st Qu.:0.4095
Min. :0.0000
0.39
0.66
258
770
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

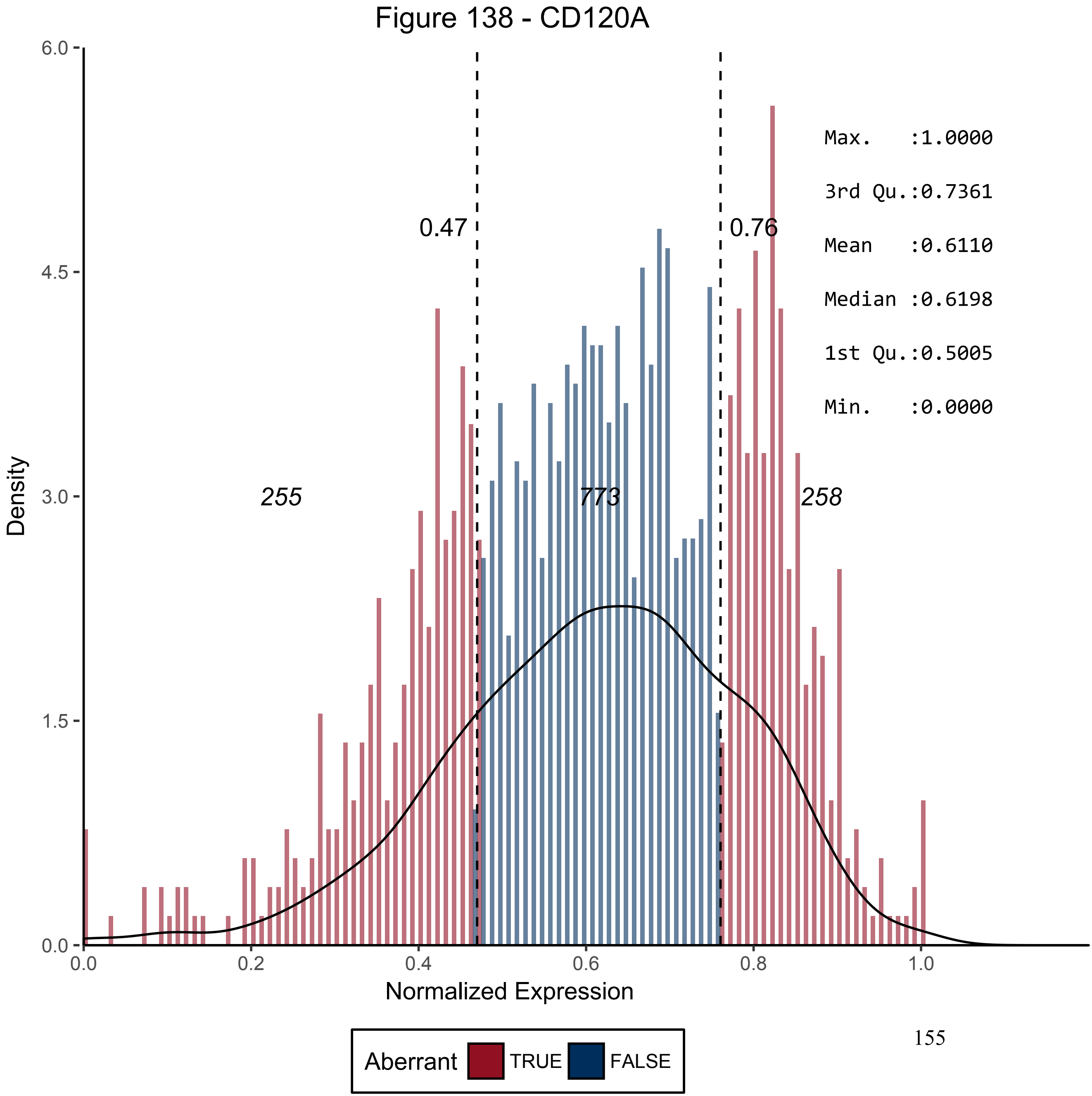


Figure 138 - CD120A
Max.   :1.0000
3rd Qu.:0.7361
Mean   :0.6110
Median :0.6198
1st Qu.:0.5005
Min.   :0.0000
0.47
0.76
255
773
258
Density
6.0
4.5
3.0
1.5
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

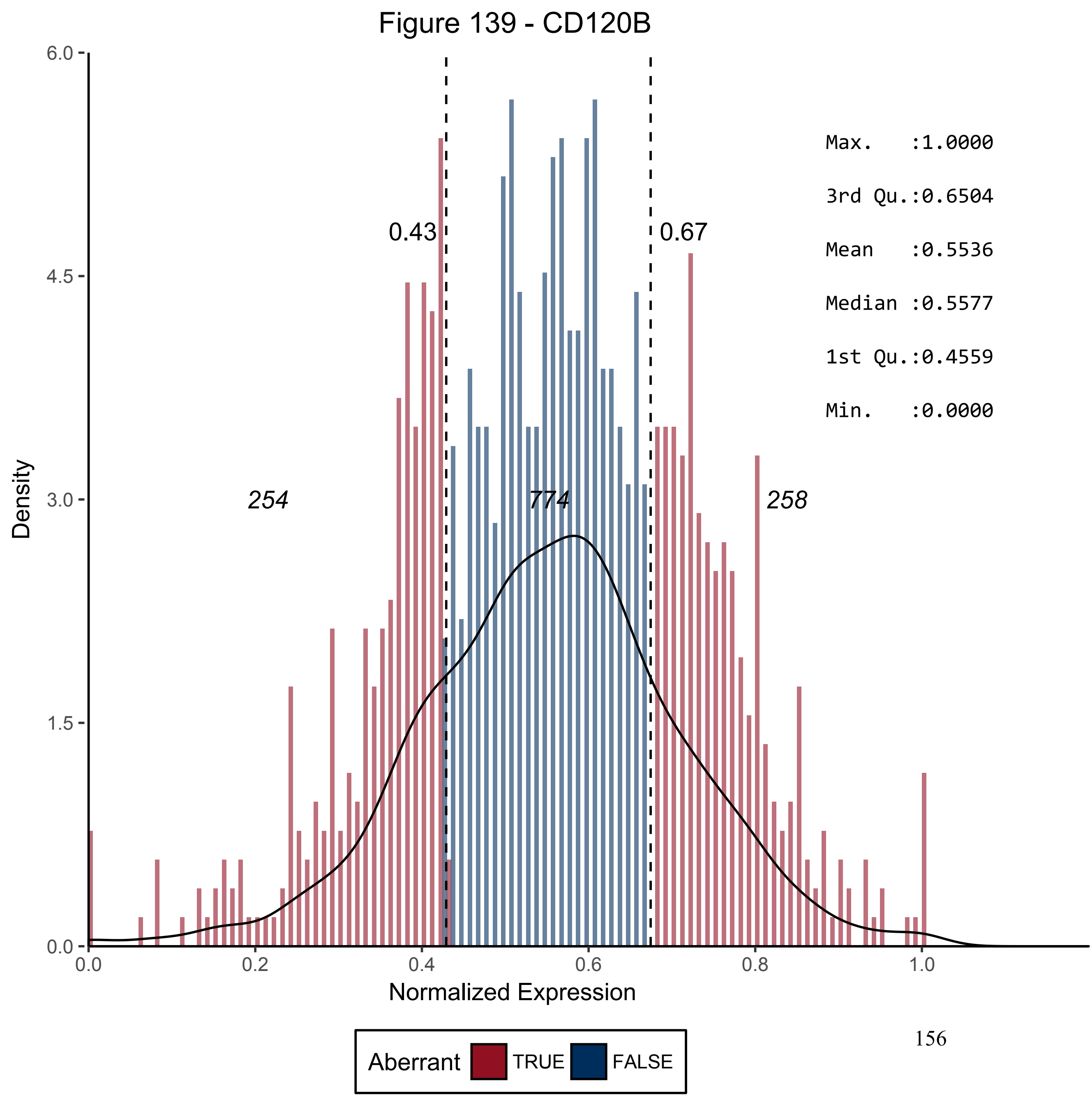


Figure 139 - CD120B
Max.   :1.0000
3rd Qu.:0.6504
Mean   :0.5536
Median :0.5577
1st Qu.:0.4559
Min.   :0.0000
0.43
0.67
254
774
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

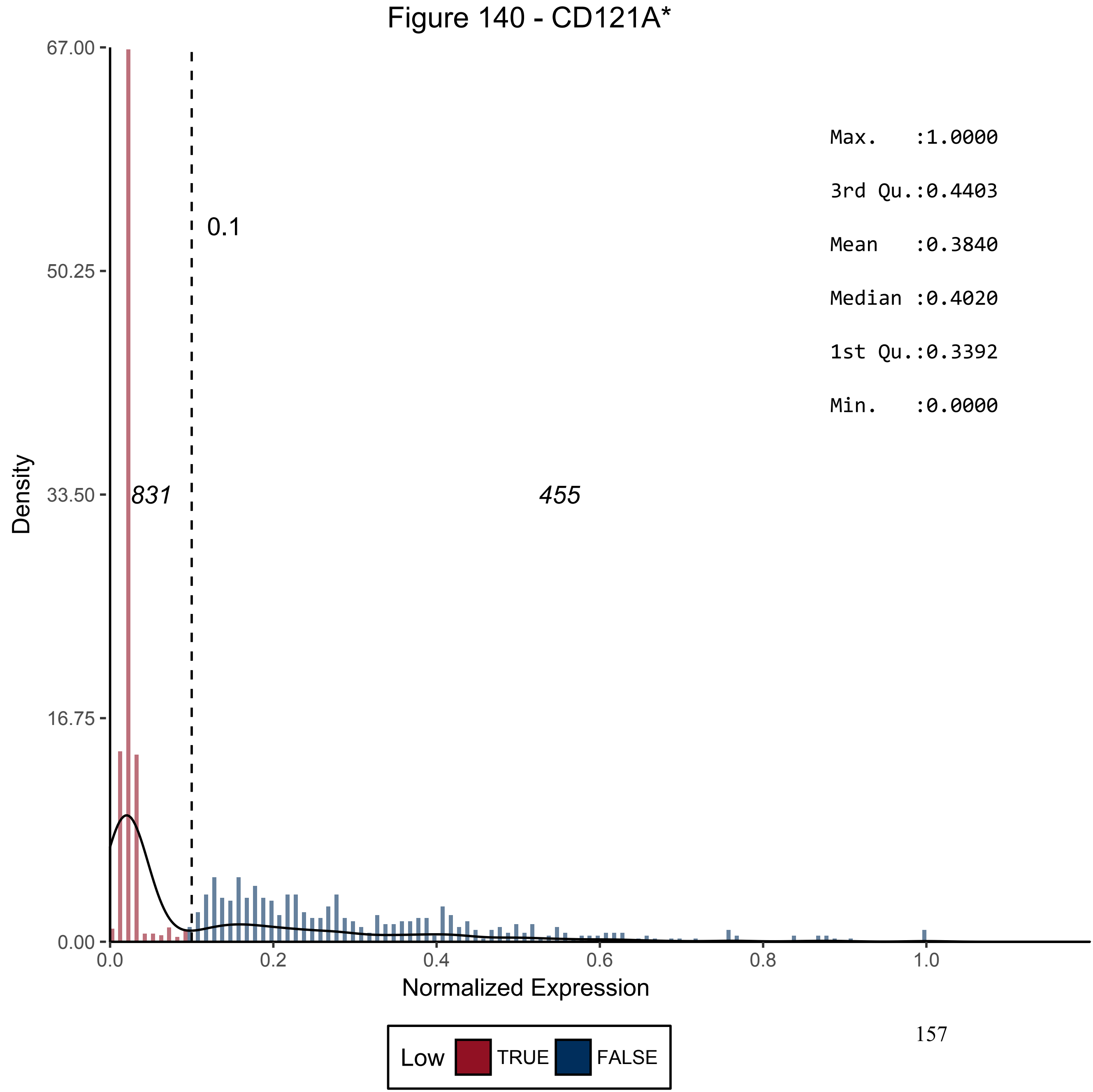


Figure 140 - CD121A*
67.00
50.25
33.50
16.75
0.00
Density
0.1
831
455
Max. :1.0000
3rd Qu.:0.4403
Mean :0.3840
Median :0.4020
1st Qu.:0.3392
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

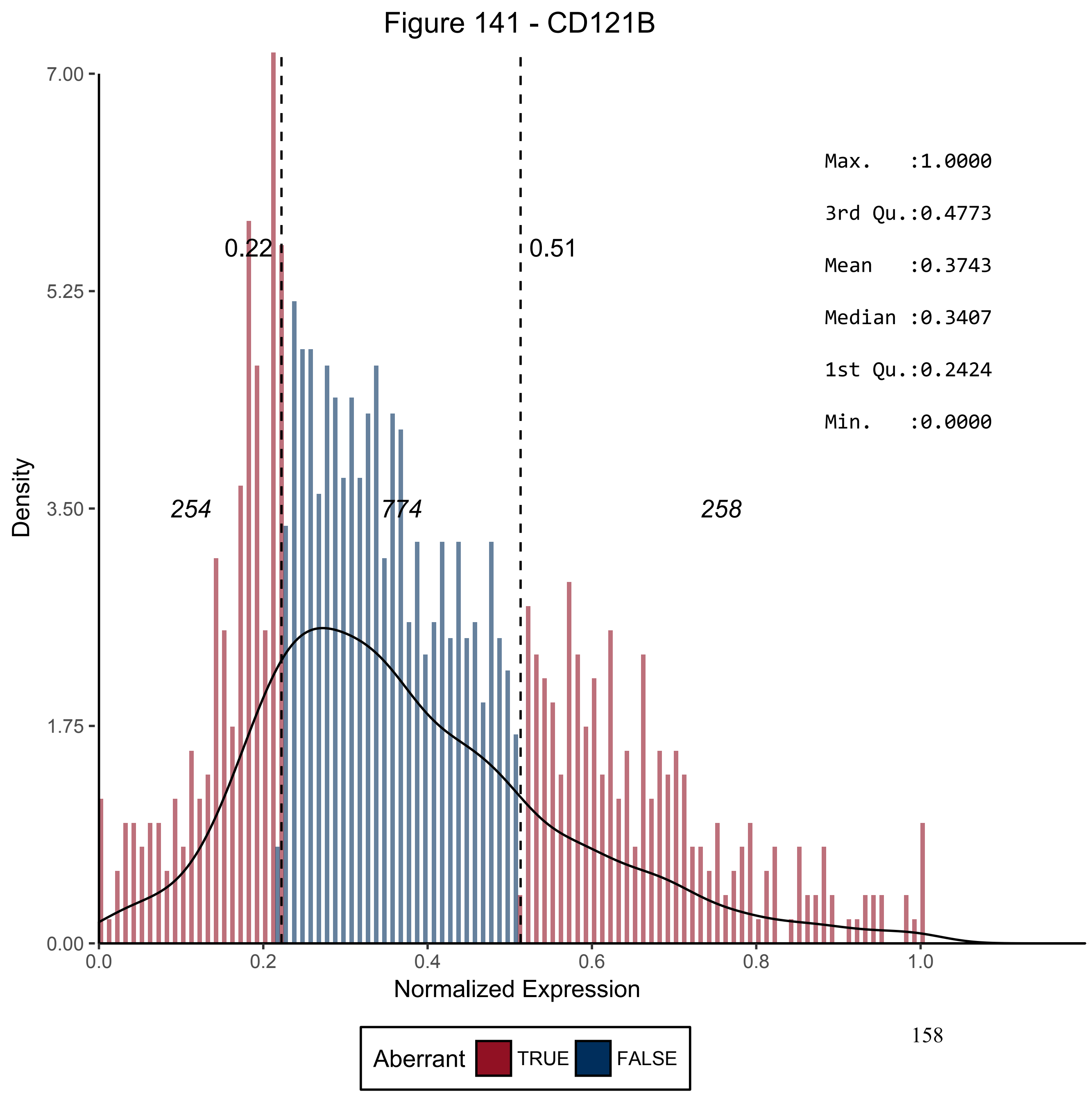


Figure 141 - CD121B
Density
Normalized Expression
0.22
0.51
254
774
258
Max. :1.0000
3rd Qu.:0.4773
Mean :0.3743
Median :0.3407
1st Qu.:0.2424
Min. :0.0000
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

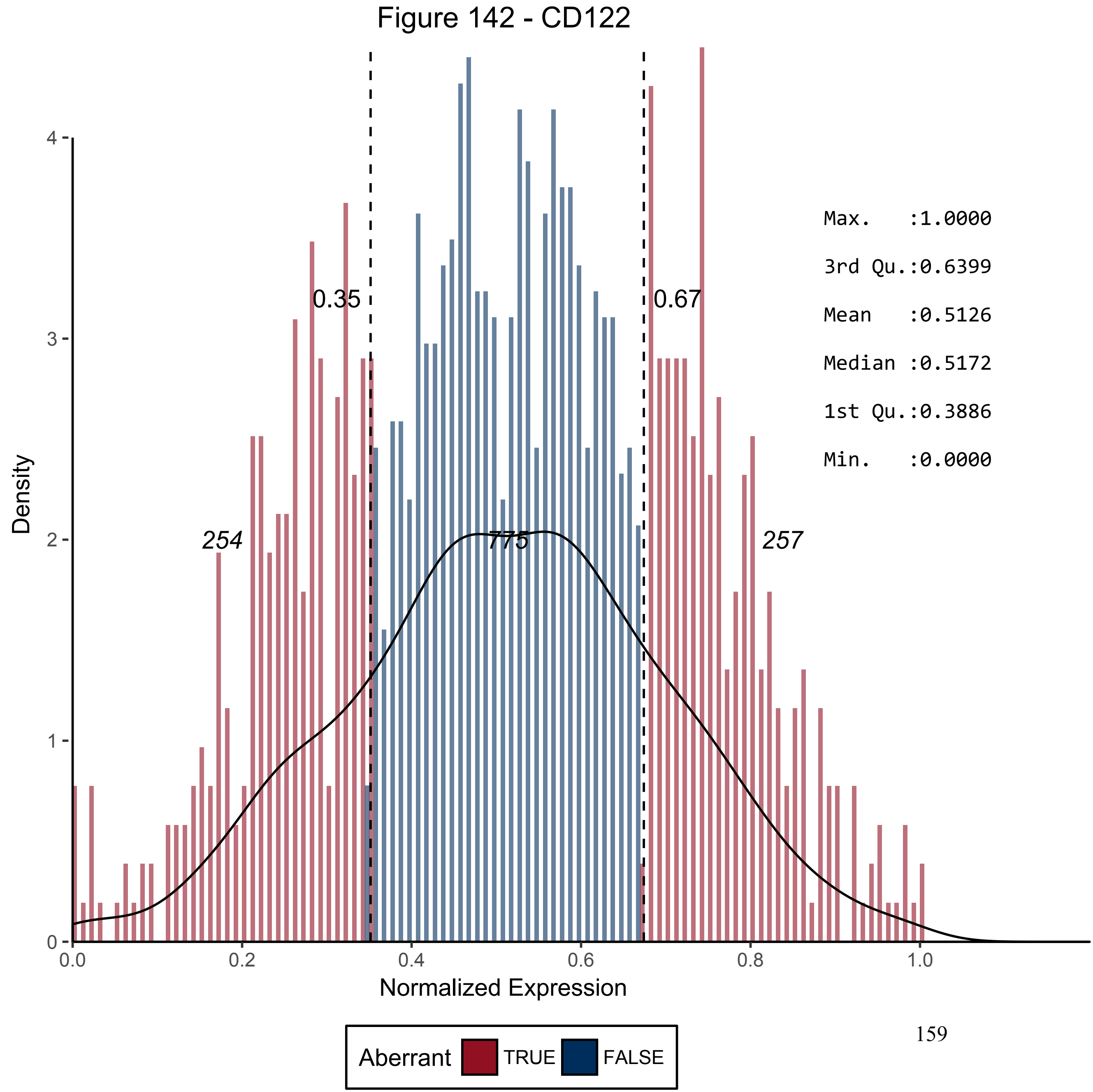
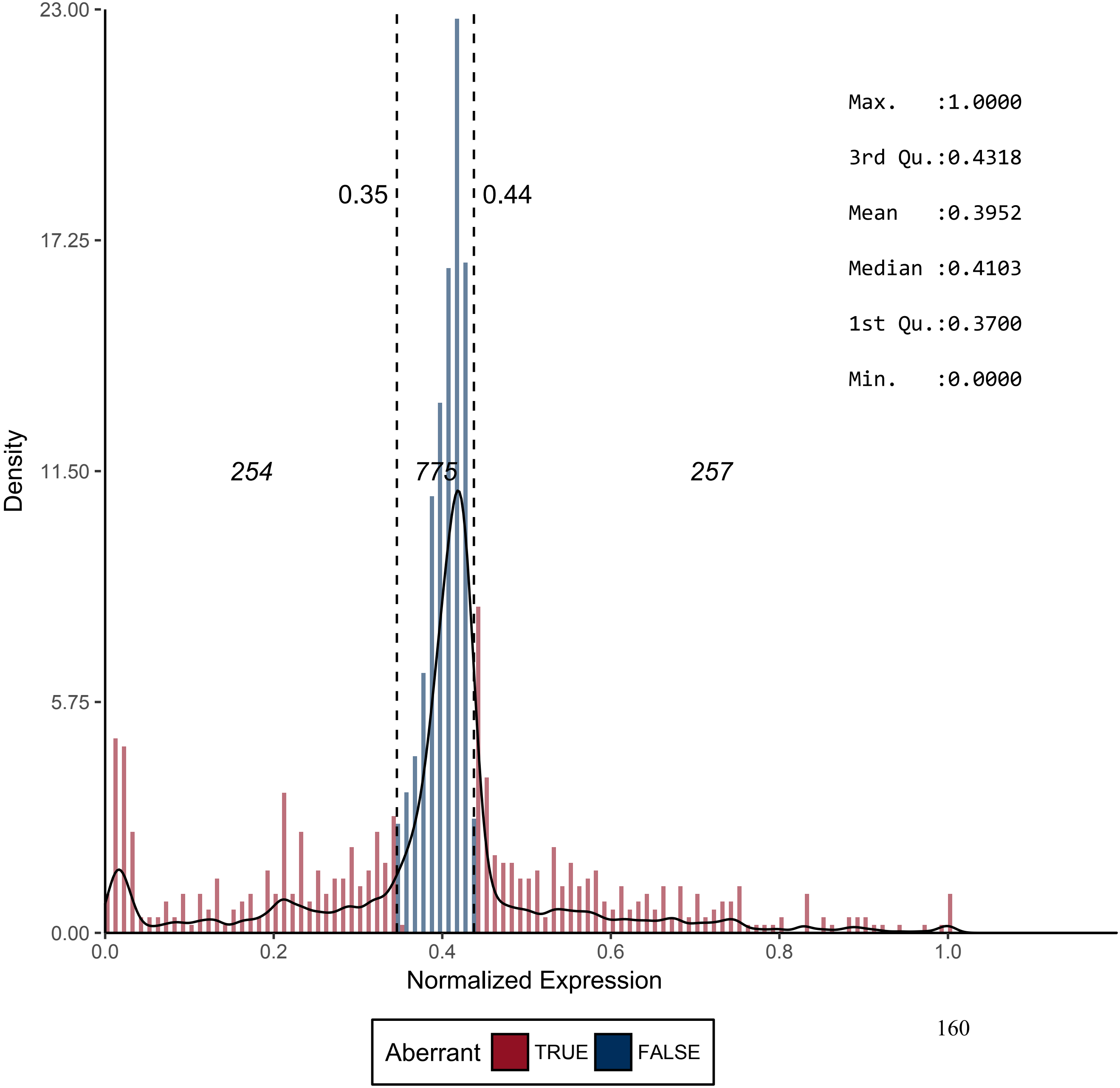


Figure 142 - CD122
Density
Normalized Expression
0.35
0.67
254
775
257
Max.   :1.0000
3rd Qu.:0.6399
Mean   :0.5126
Median :0.5172
1st Qu.:0.3886
Min.   :0.0000
0
1
2
3
4
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 143 - CD123



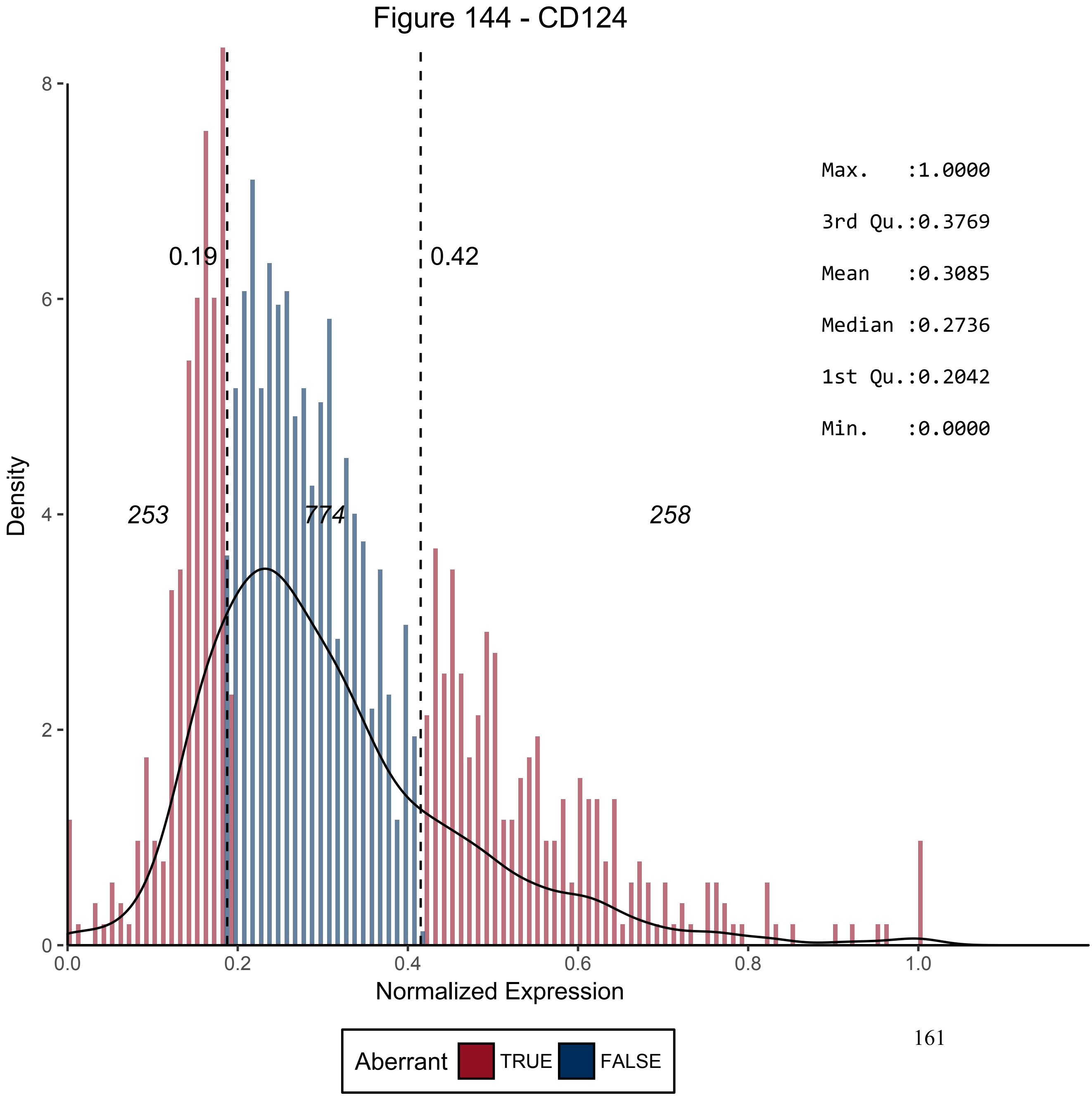


Figure 144 - CD124
0.19
0.42
Max. :1.0000
3rd Qu.:0.3769
Mean :0.3085
Median :0.2736
1st Qu.:0.2042
Min. :0.0000
253
774
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

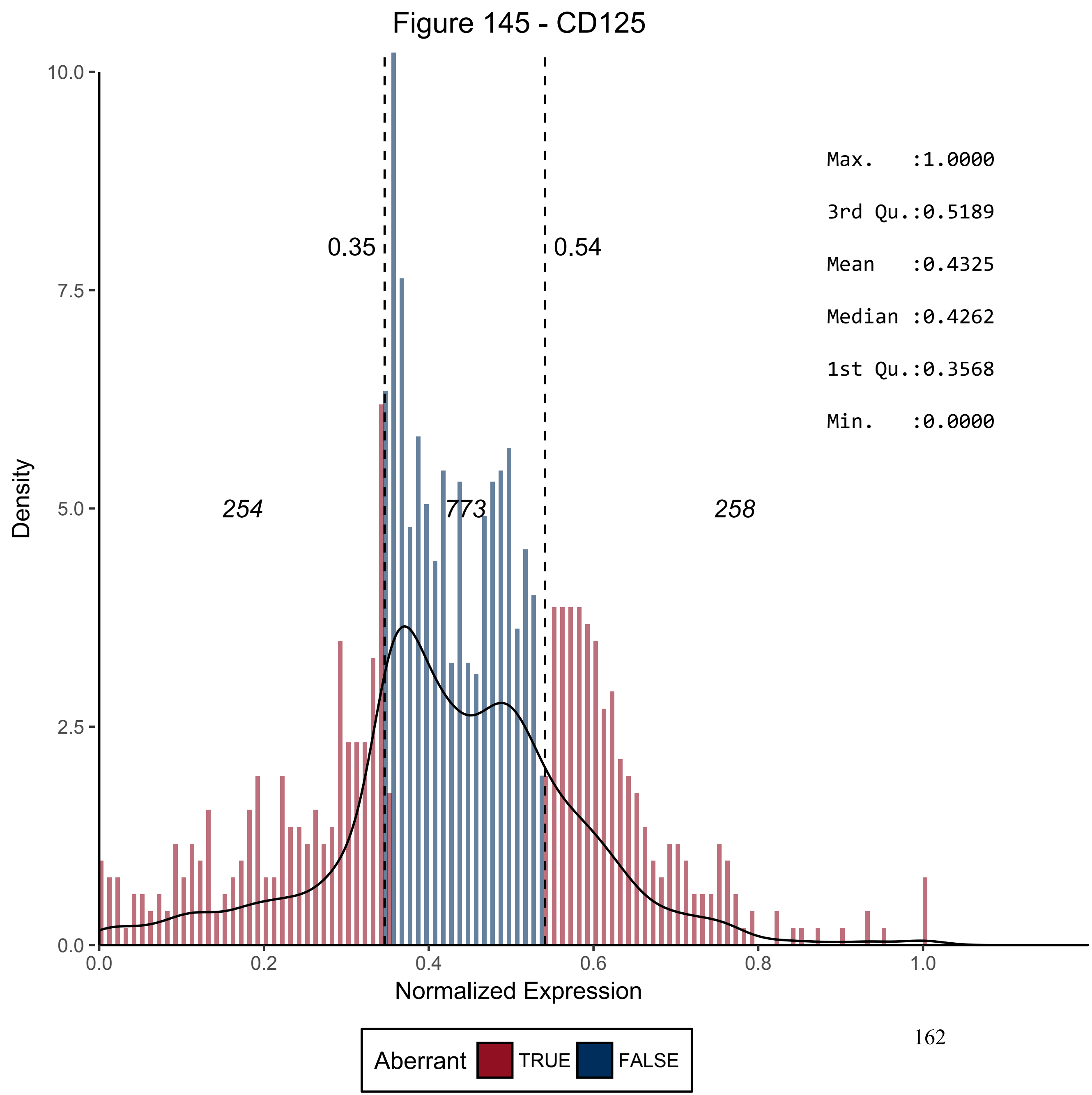


Figure 145 - CD125
Max.   :1.0000
3rd Qu.:0.5189
Mean   :0.4325
Median :0.4262
1st Qu.:0.3568
Min.   :0.0000
0.35
0.54
254
773
258
Density
Normalized Expression
0.0
2.5
5.0
7.5
10.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

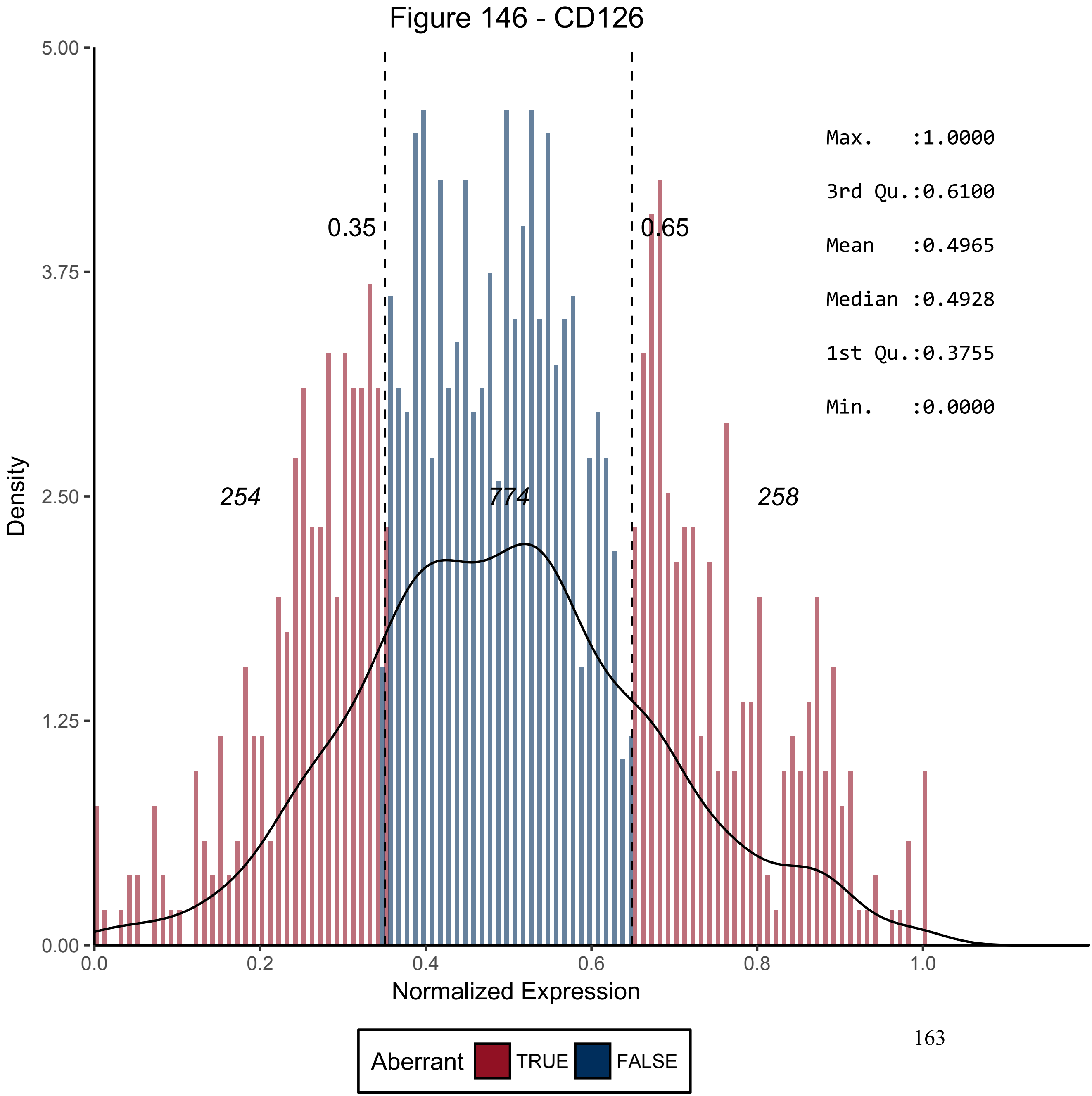


Figure 146 - CD126
5.00
3.75
2.50
1.25
0.00
Density
0.35
0.65
254
774
258
Max.   :1.0000
3rd Qu.:0.6100
Mean   :0.4965
Median :0.4928
1st Qu.:0.3755
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

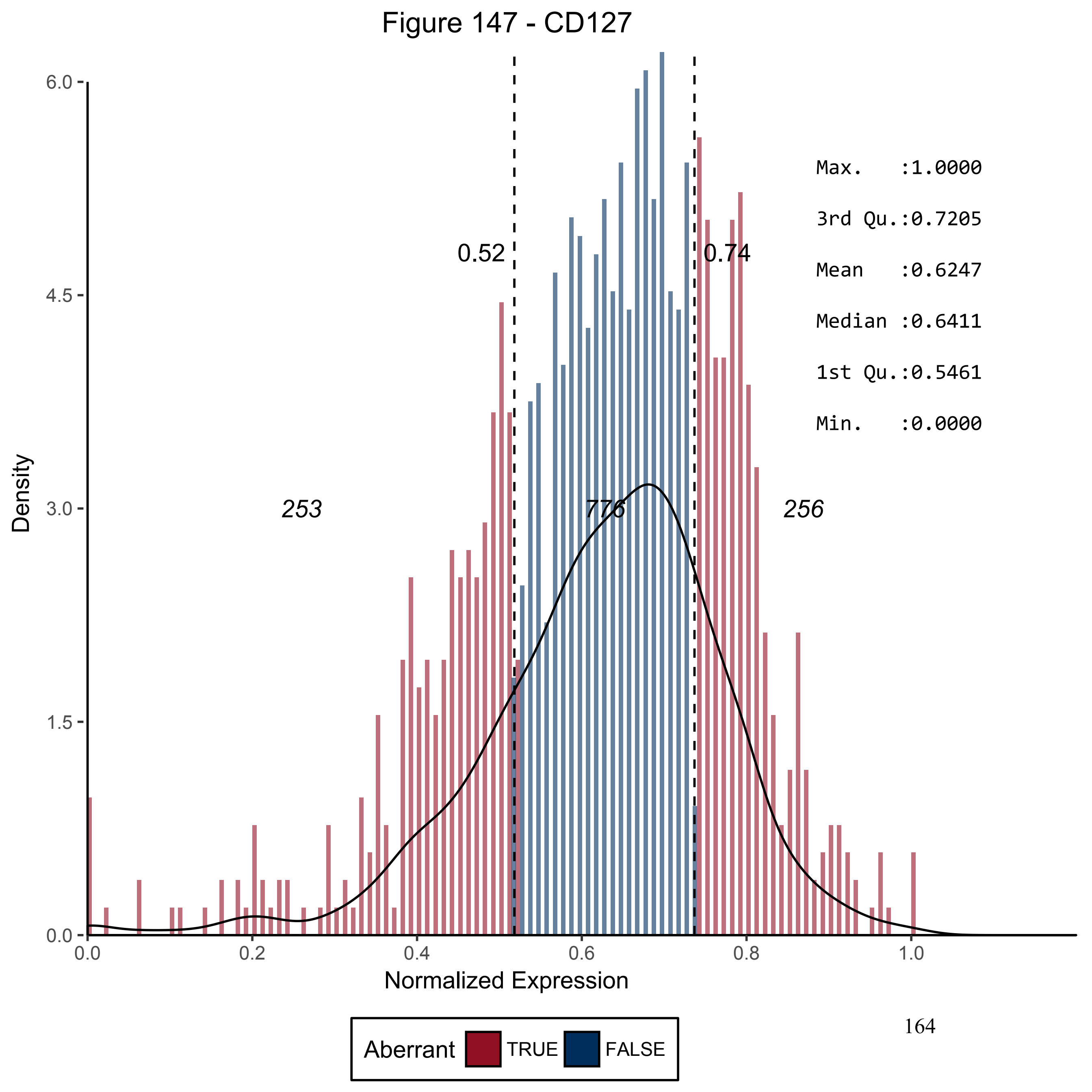


Figure 147 - CD127
Density
Normalized Expression
0.52
0.74
253
776
256
Max. :1.0000
3rd Qu.:0.7205
Mean :0.6247
Median :0.6411
1st Qu.:0.5461
Min. :0.0000
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

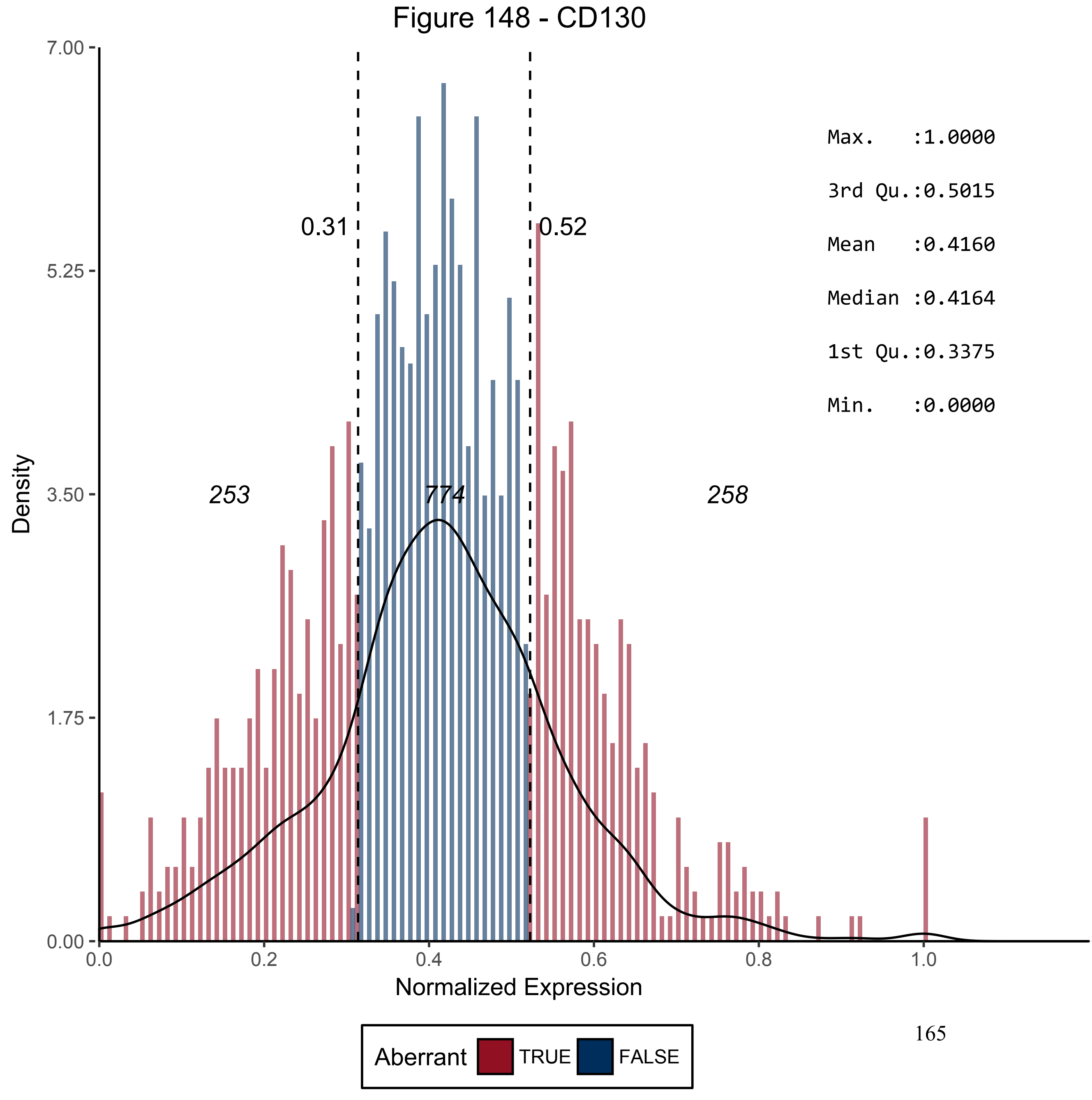


Figure 148 - CD130
Max.   :1.0000
3rd Qu.:0.5015
Mean   :0.4160
Median :0.4164
1st Qu.:0.3375
Min.   :0.0000
0.31
0.52
253
774
258
Density
Normalized Expression
0.00
1.75
3.50
5.25
7.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

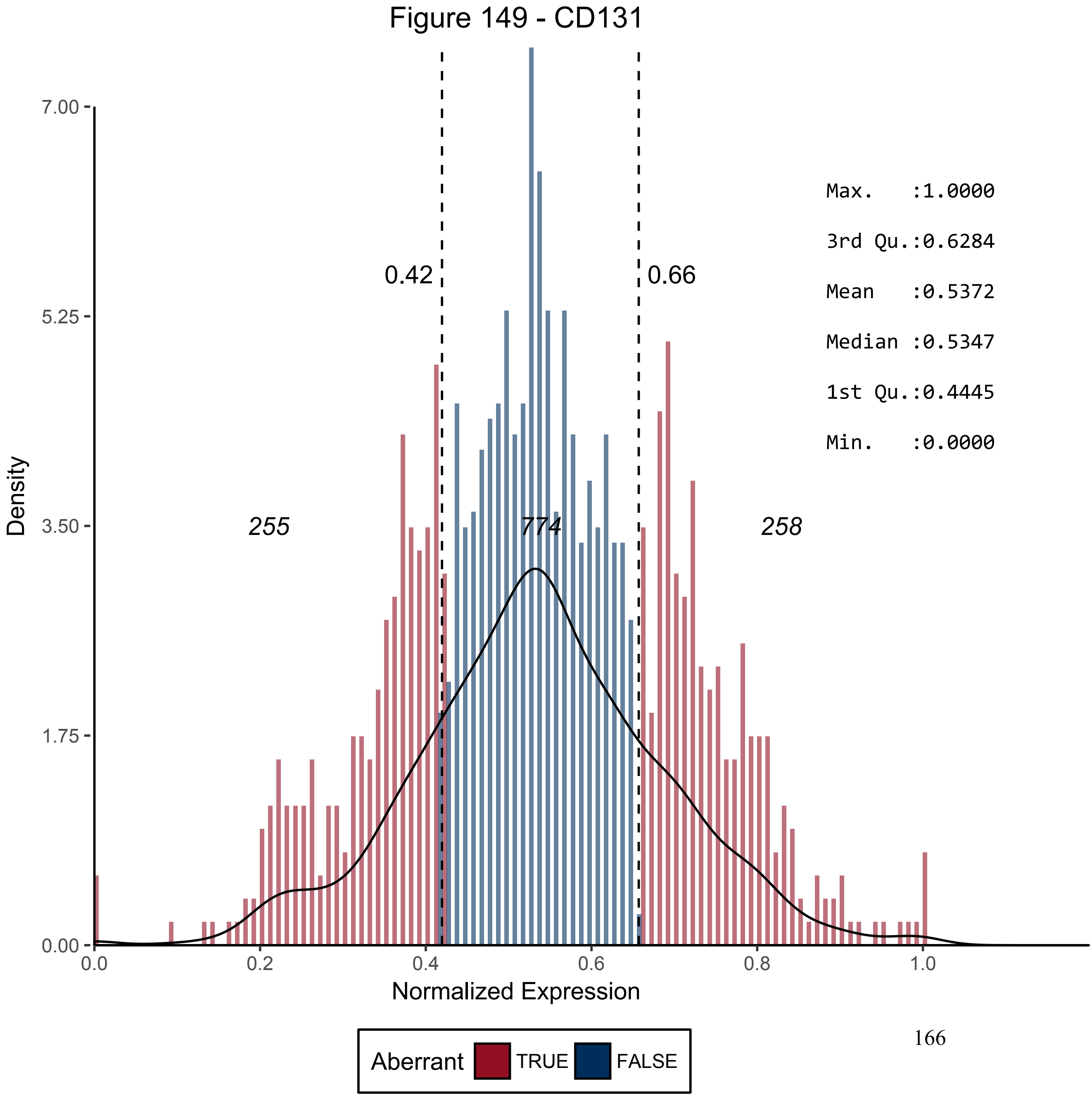


Figure 149 - CD131
7.00
5.25
3.50
1.75
0.00
Density
0.42
0.66
255
774
258
Max.   :1.0000
3rd Qu.:0.6284
Mean   :0.5372
Median :0.5347
1st Qu.:0.4445
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

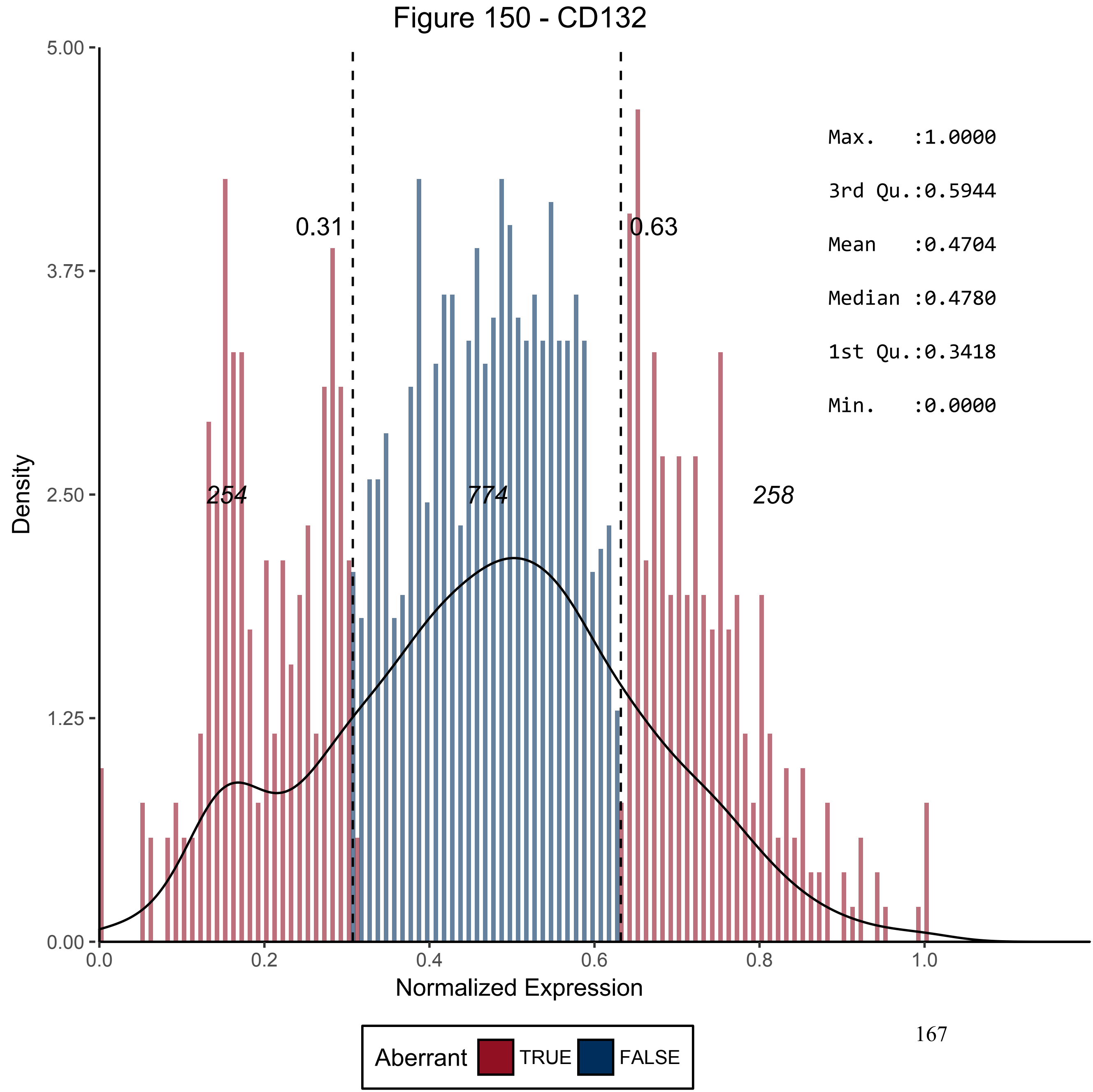


Figure 150 - CD132
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
0.31
0.63
254
774
258
Max. :1.0000
3rd Qu.:0.5944
Mean :0.4704
Median :0.4780
1st Qu.:0.3418
Min. :0.0000
Aberrant
TRUE
FALSE

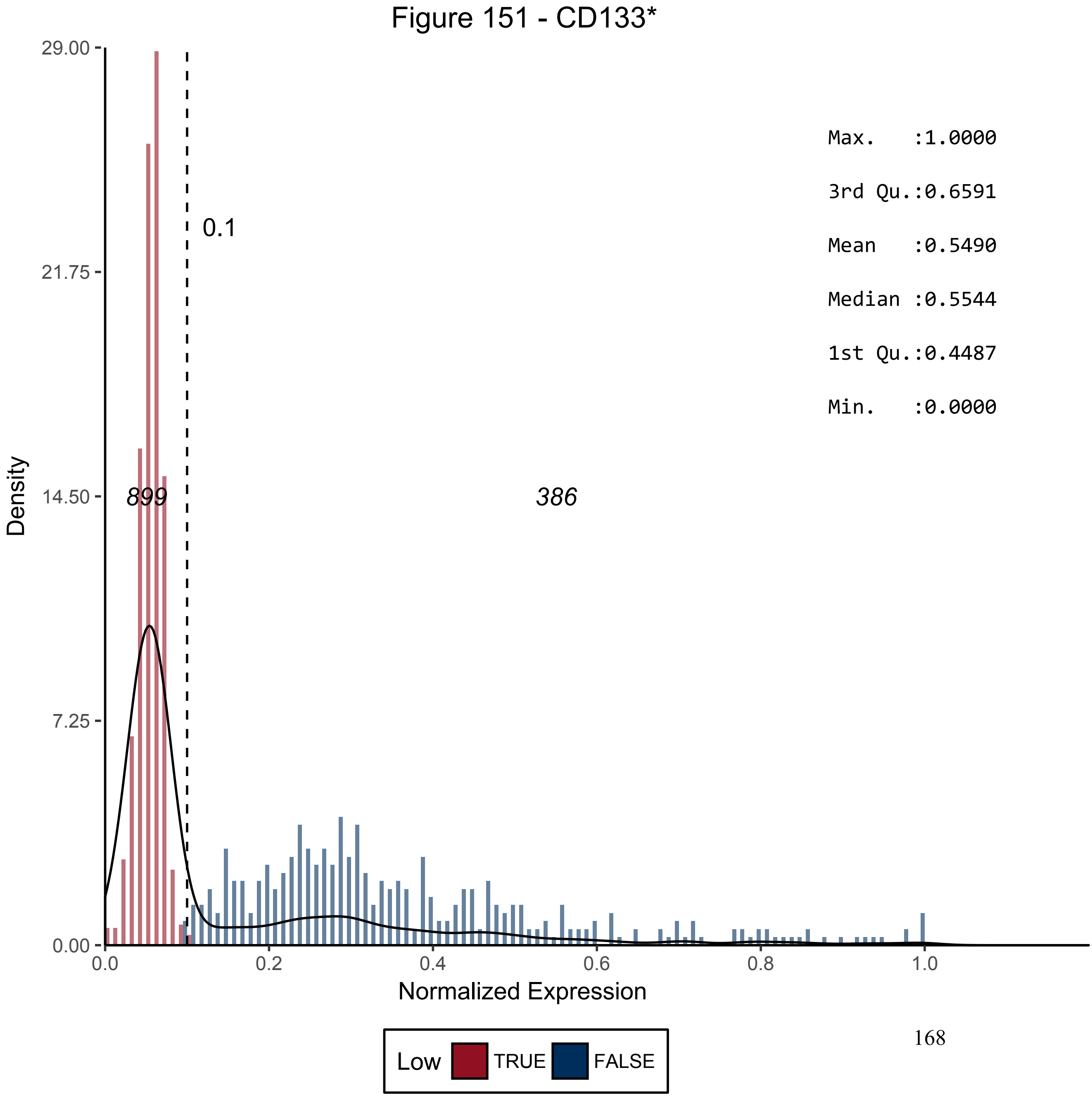


Figure 151 - CD133*
29.00
21.75
14.50
7.25
0.00
Density
0.1
899
386
Max. :1.0000
3rd Qu.:0.6591
Mean :0.5490
Median :0.5544
1st Qu.:0.4487
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

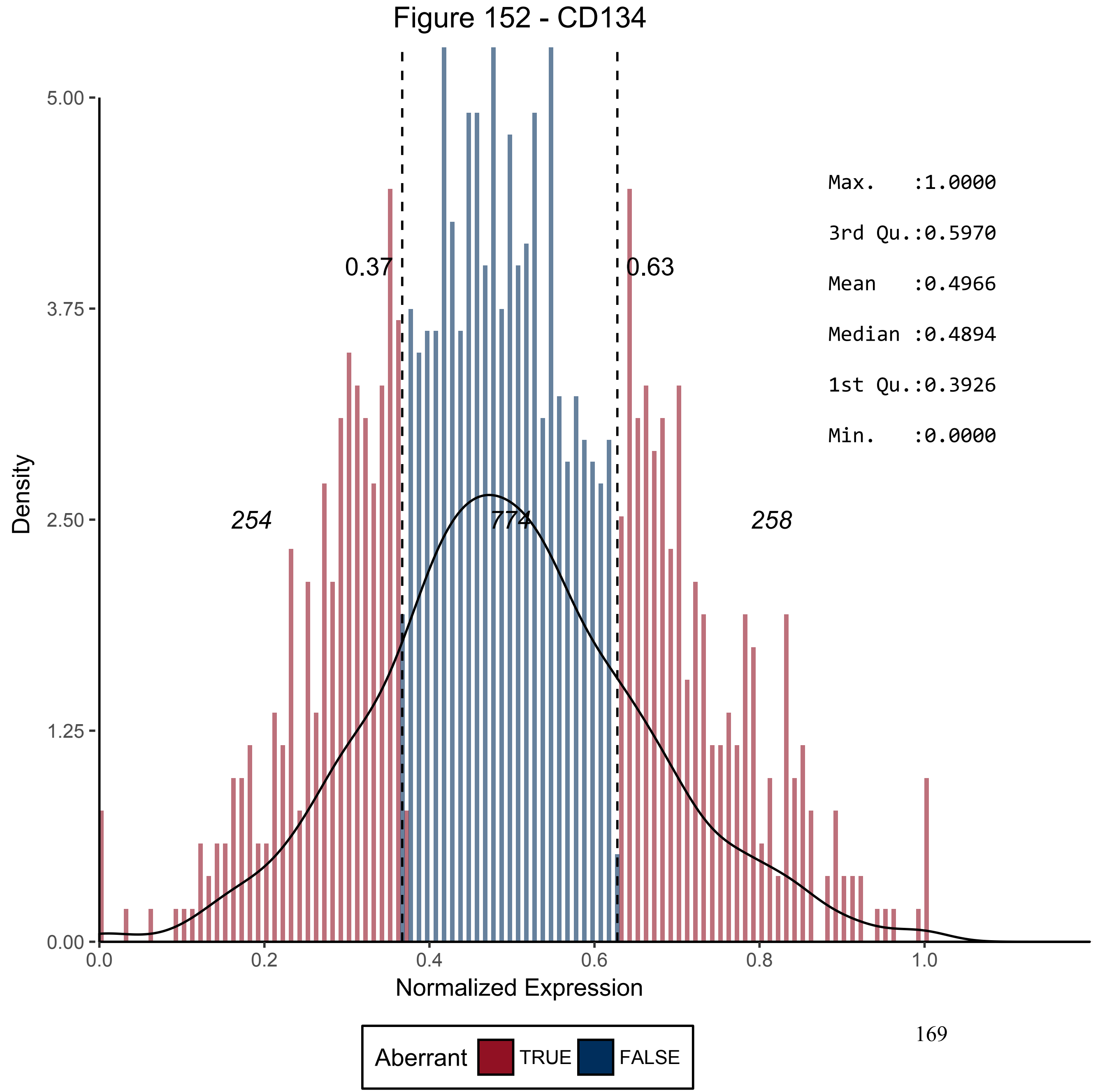


Figure 152 - CD134
Density
Normalized Expression
0.37
0.63
254
774
258
Max.   :1.0000
3rd Qu.:0.5970
Mean   :0.4966
Median :0.4894
1st Qu.:0.3926
Min.   :0.0000
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

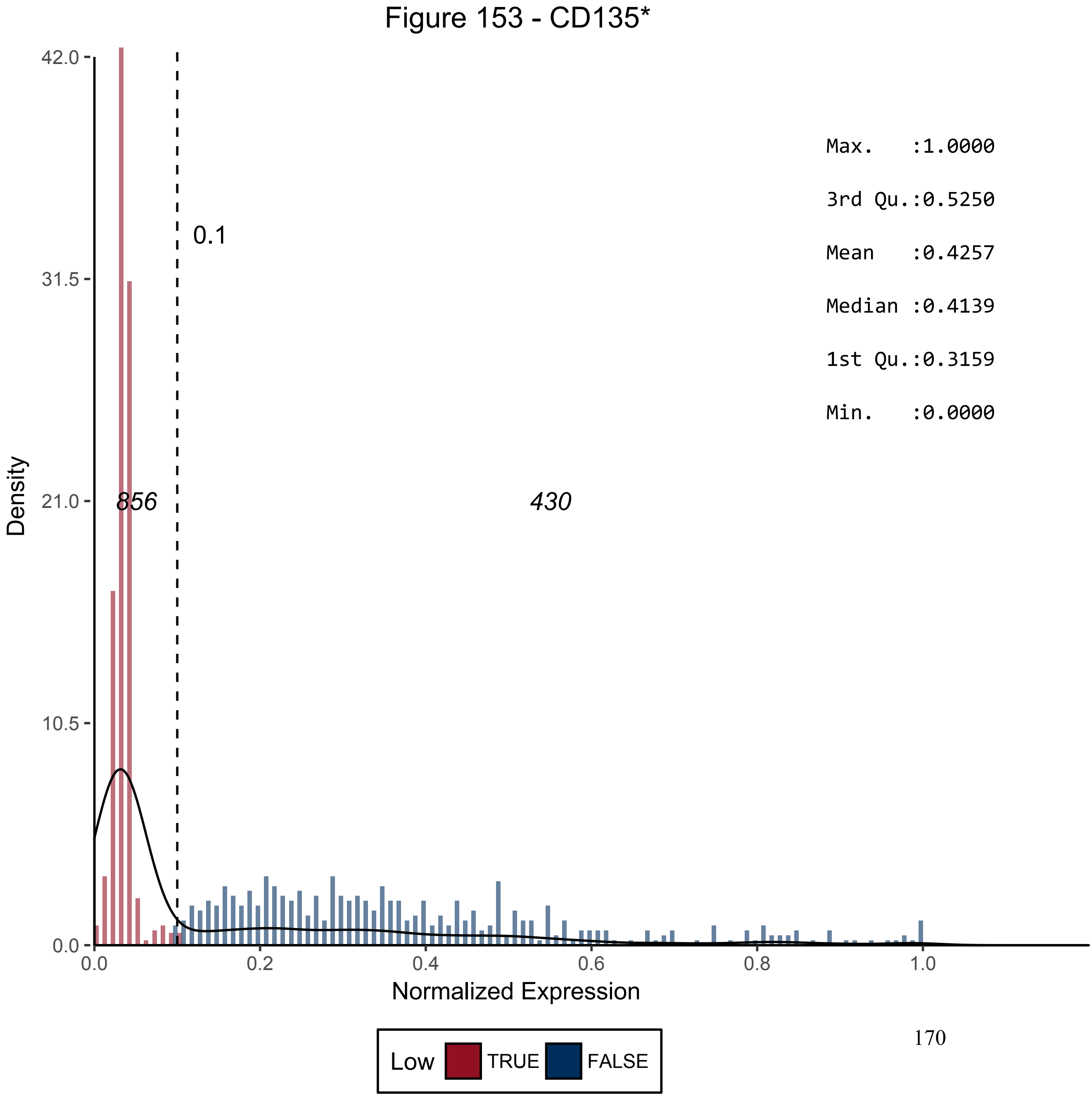


Figure 153 - CD135*
Max. :1.0000
3rd Qu.:0.5250
Mean :0.4257
Median :0.4139
1st Qu.:0.3159
Min. :0.0000
0.1
856
430
Density
Normalized Expression
42.0
31.5
21.0
10.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

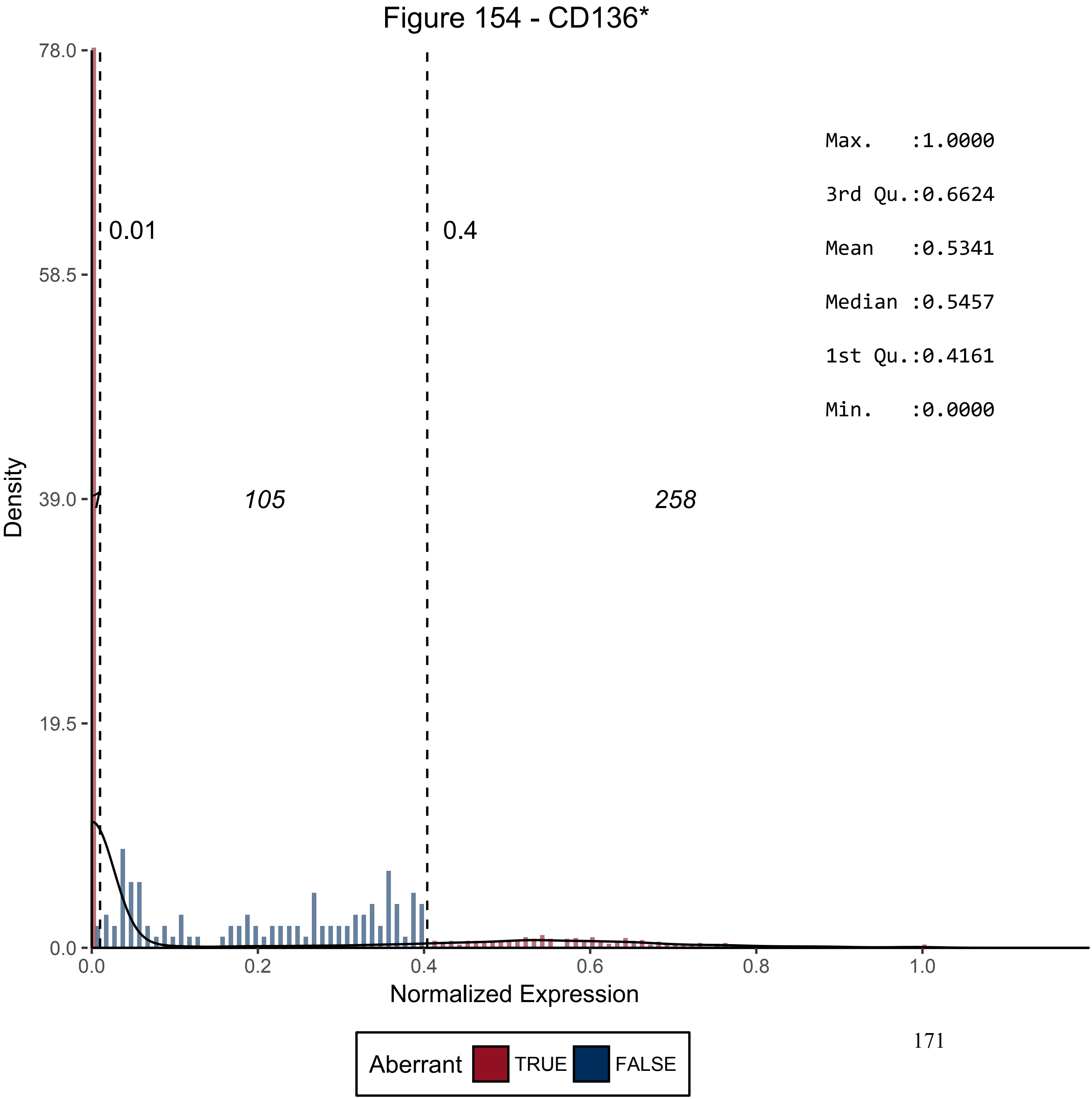


Figure 154 - CD136*
78.0
58.5
39.0
19.5
0.0
Density
0.01
0.4
105
258
Max. :1.0000
3rd Qu.:0.6624
Mean :0.5341
Median :0.5457
1st Qu.:0.4161
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

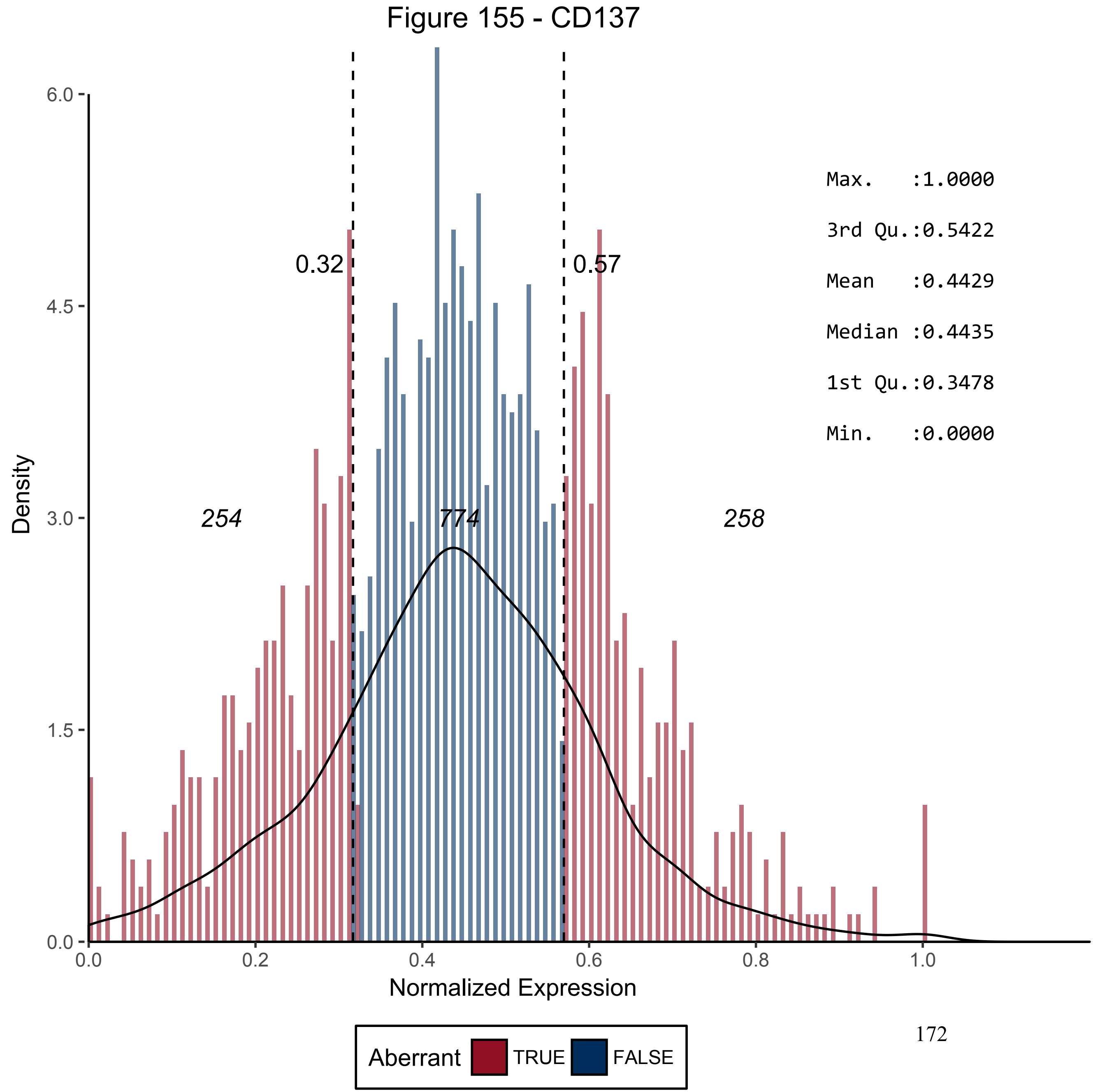
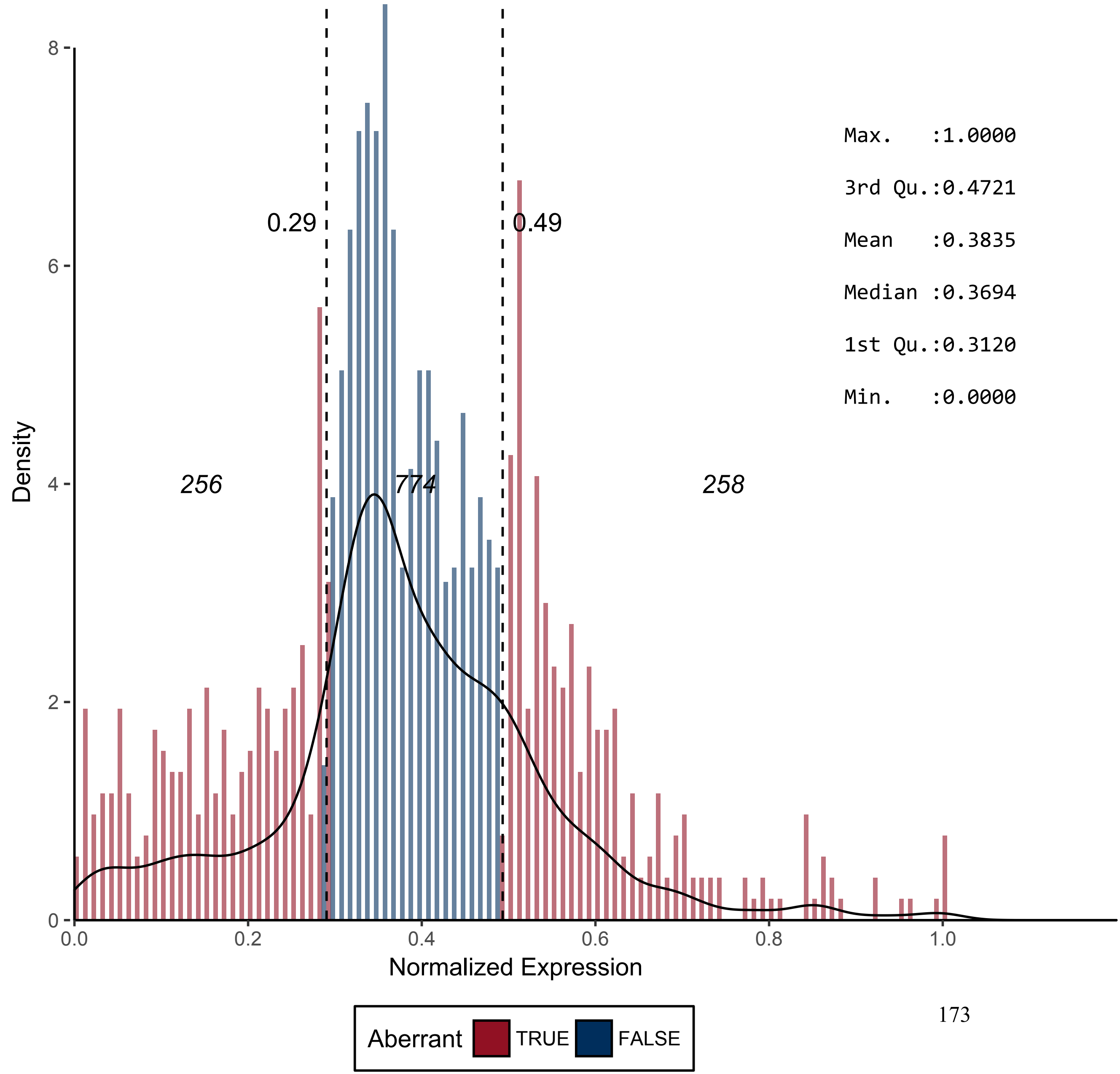


Figure 155 - CD137
Max.   :1.0000
3rd Qu.:0.5422
Mean   :0.4429
Median :0.4435
1st Qu.:0.3478
Min.   :0.0000
0.32
0.57
254
774
258
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 156 - CD138



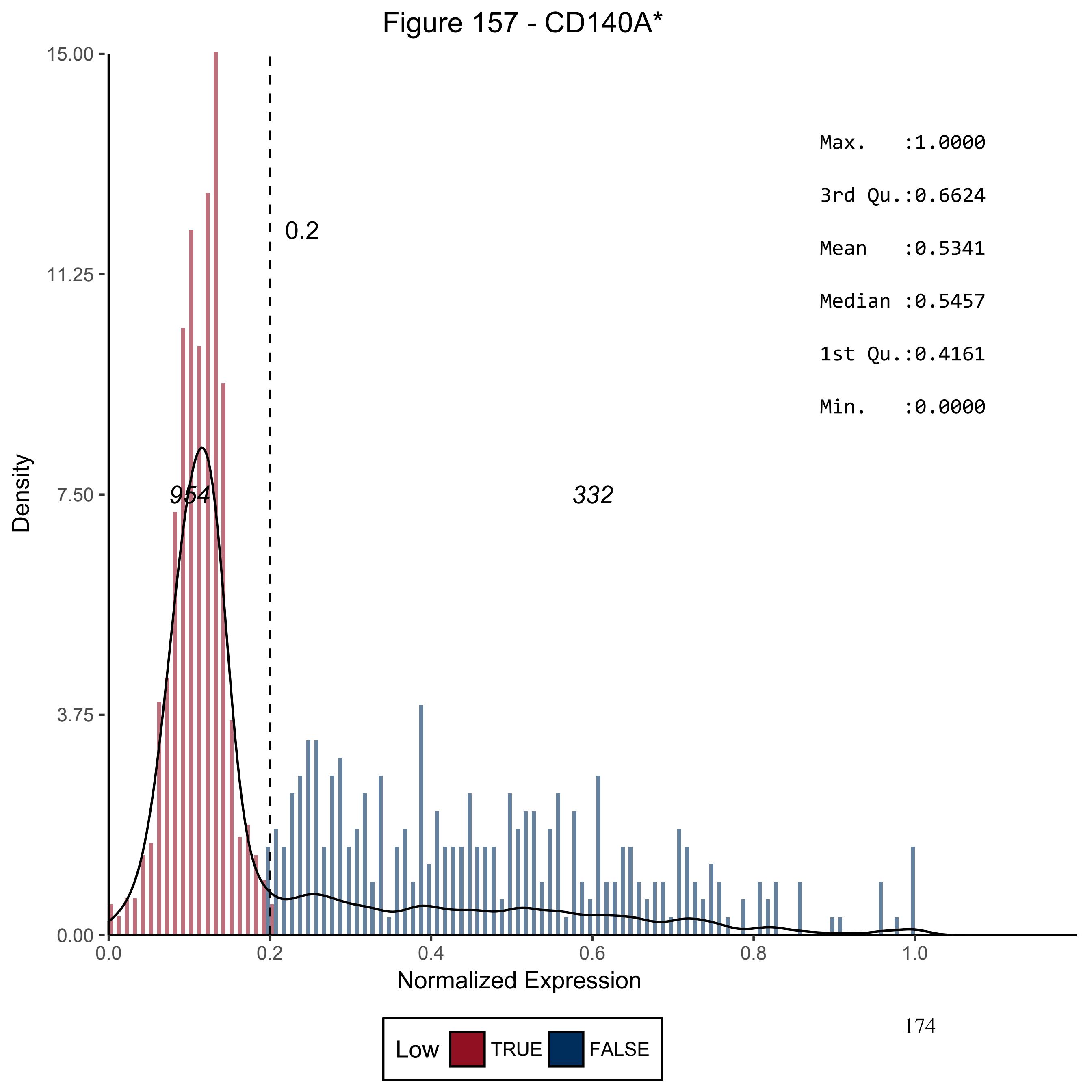


Figure 157 - CD140A*
Max. :1.0000
3rd Qu.:0.6624
Mean :0.5341
Median :0.5457
1st Qu.:0.4161
Min. :0.0000
0.2
954
332
Density
15.00
11.25
7.50
3.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

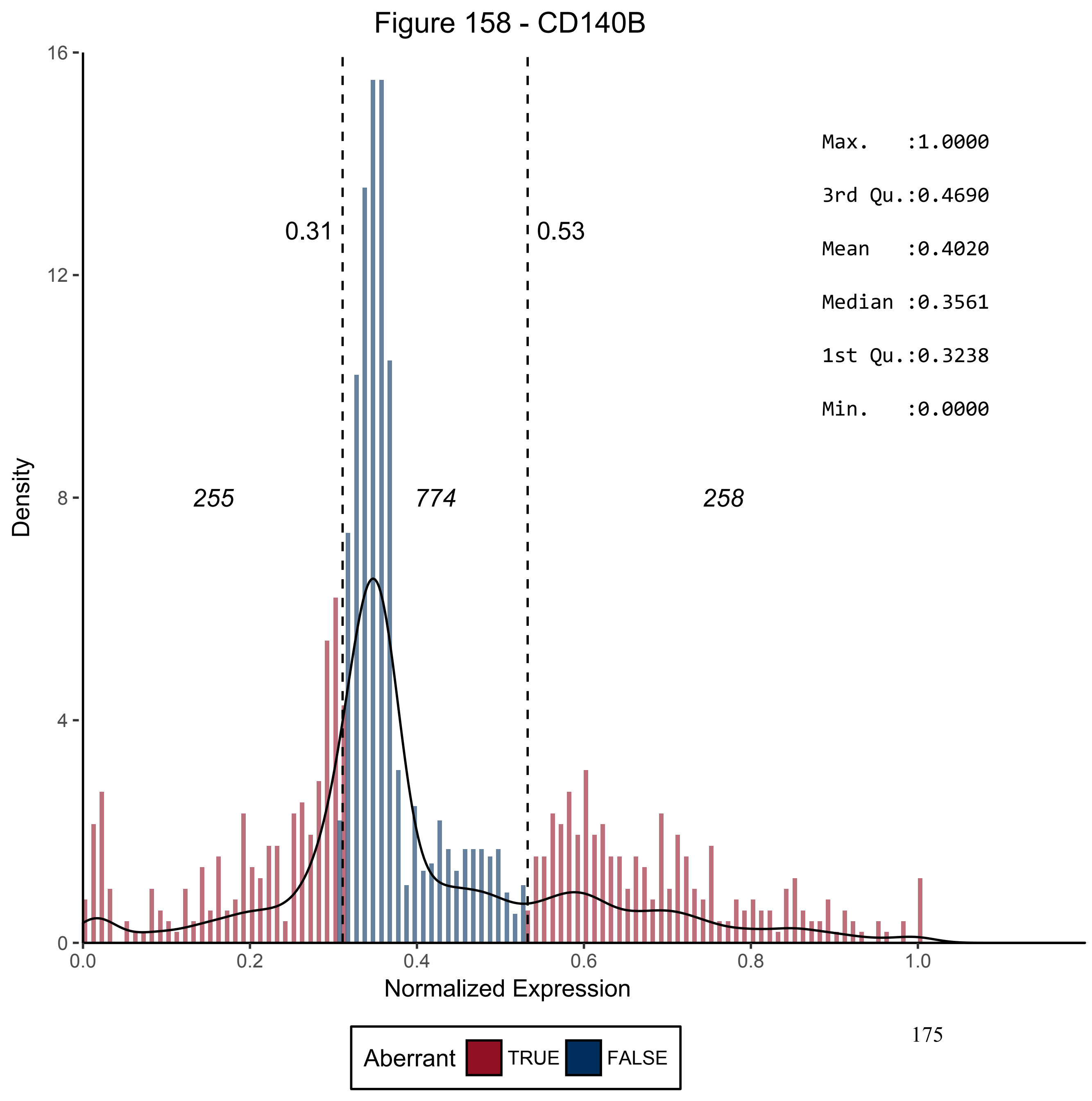


Figure 158 - CD140B
Max. :1.0000
3rd Qu.:0.4690
Mean :0.4020
Median :0.3561
1st Qu.:0.3238
Min. :0.0000
0.31
0.53
255
774
258
Density
Normalized Expression
16
12
8
4
0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

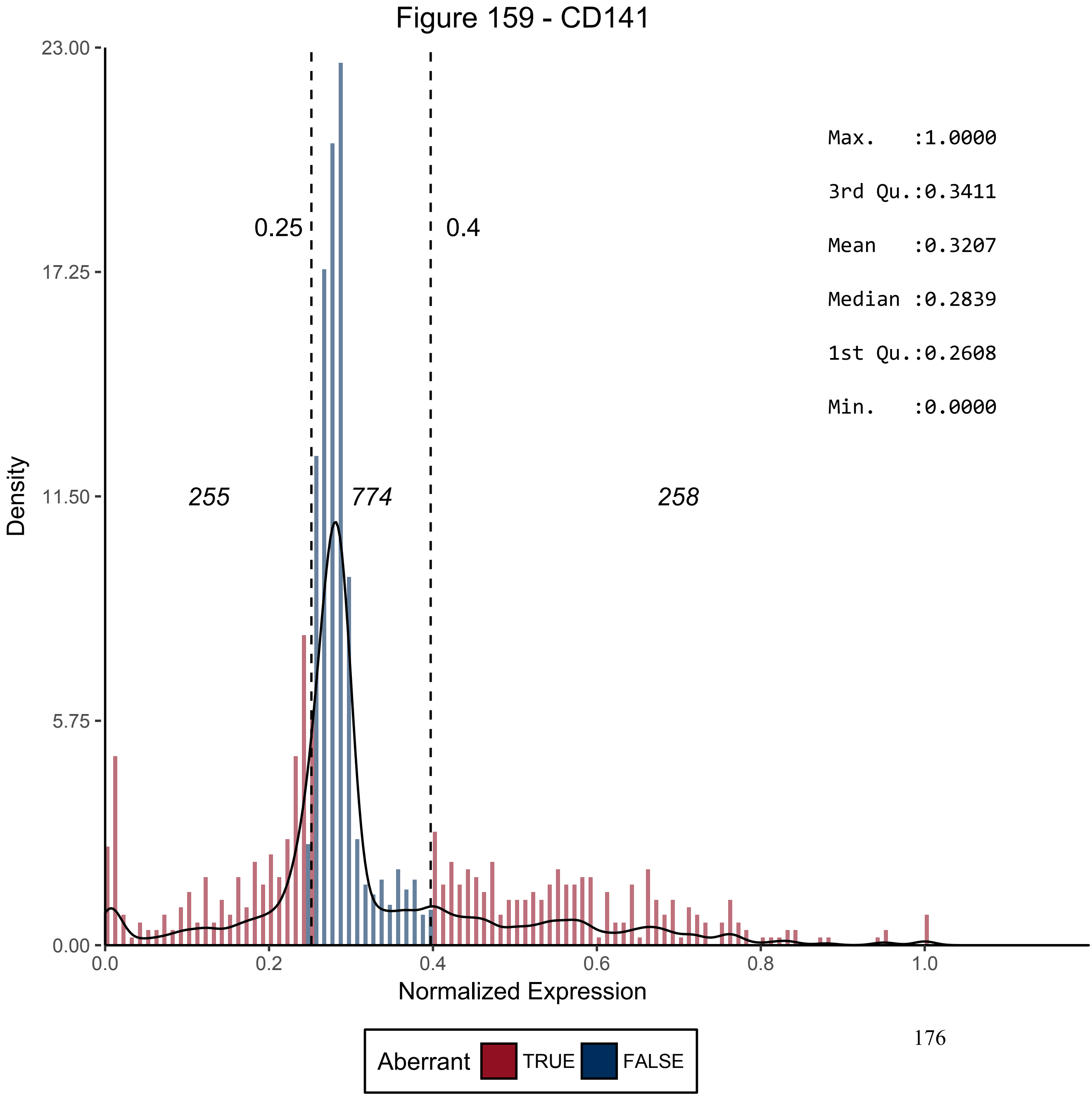


Figure 159 - CD141
Density
Normalized Expression
0.25
0.4
255
774
258
Max. :1.0000
3rd Qu.:0.3411
Mean :0.3207
Median :0.2839
1st Qu.:0.2608
Min. :0.0000
23.00
17.25
11.50
5.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

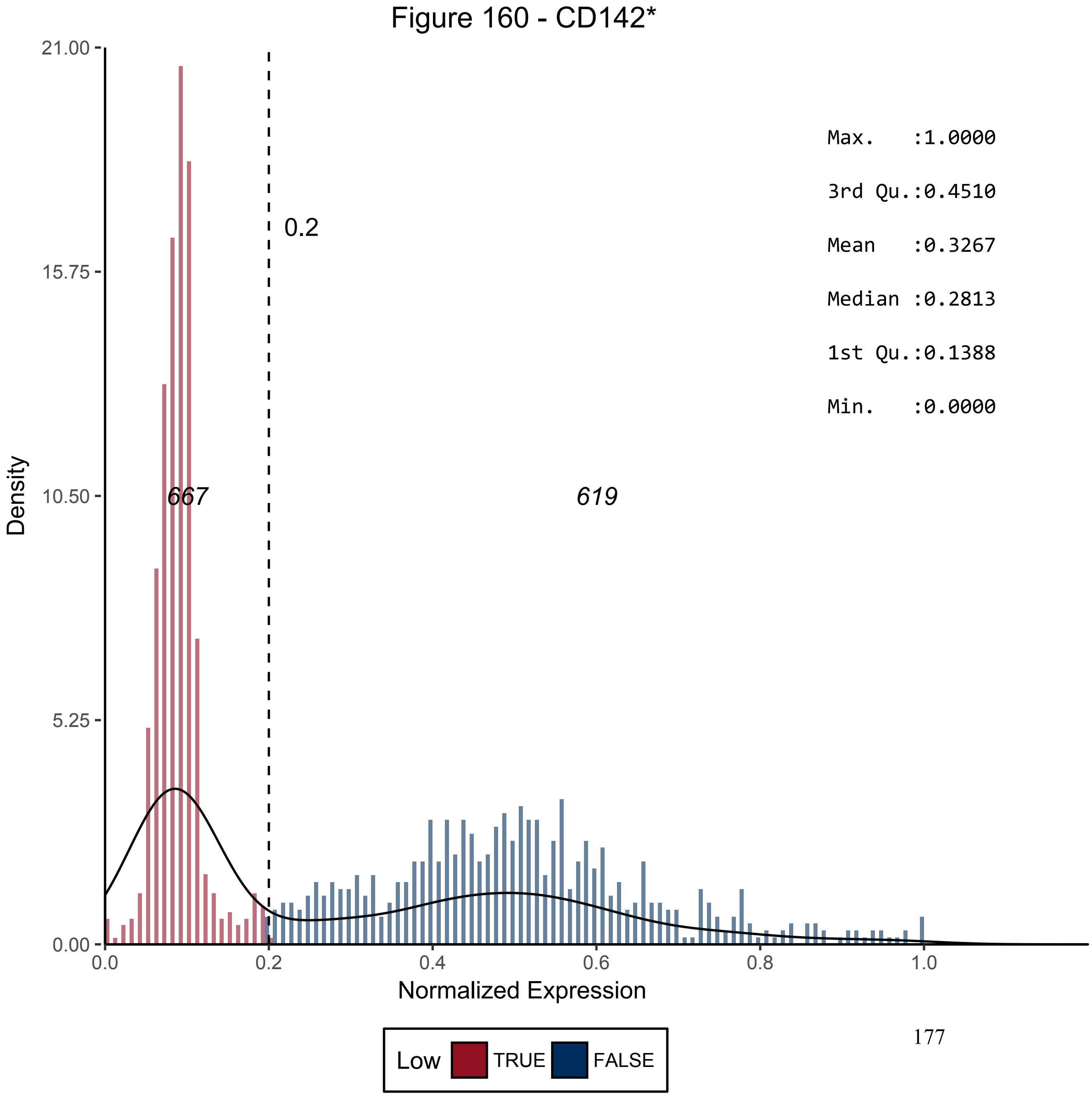


Figure 160 - CD142*
Max.   :1.0000
3rd Qu.:0.4510
Mean   :0.3267
Median :0.2813
1st Qu.:0.1388
Min.   :0.0000
0.2
667
619
Density
21.00
15.75
10.50
5.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

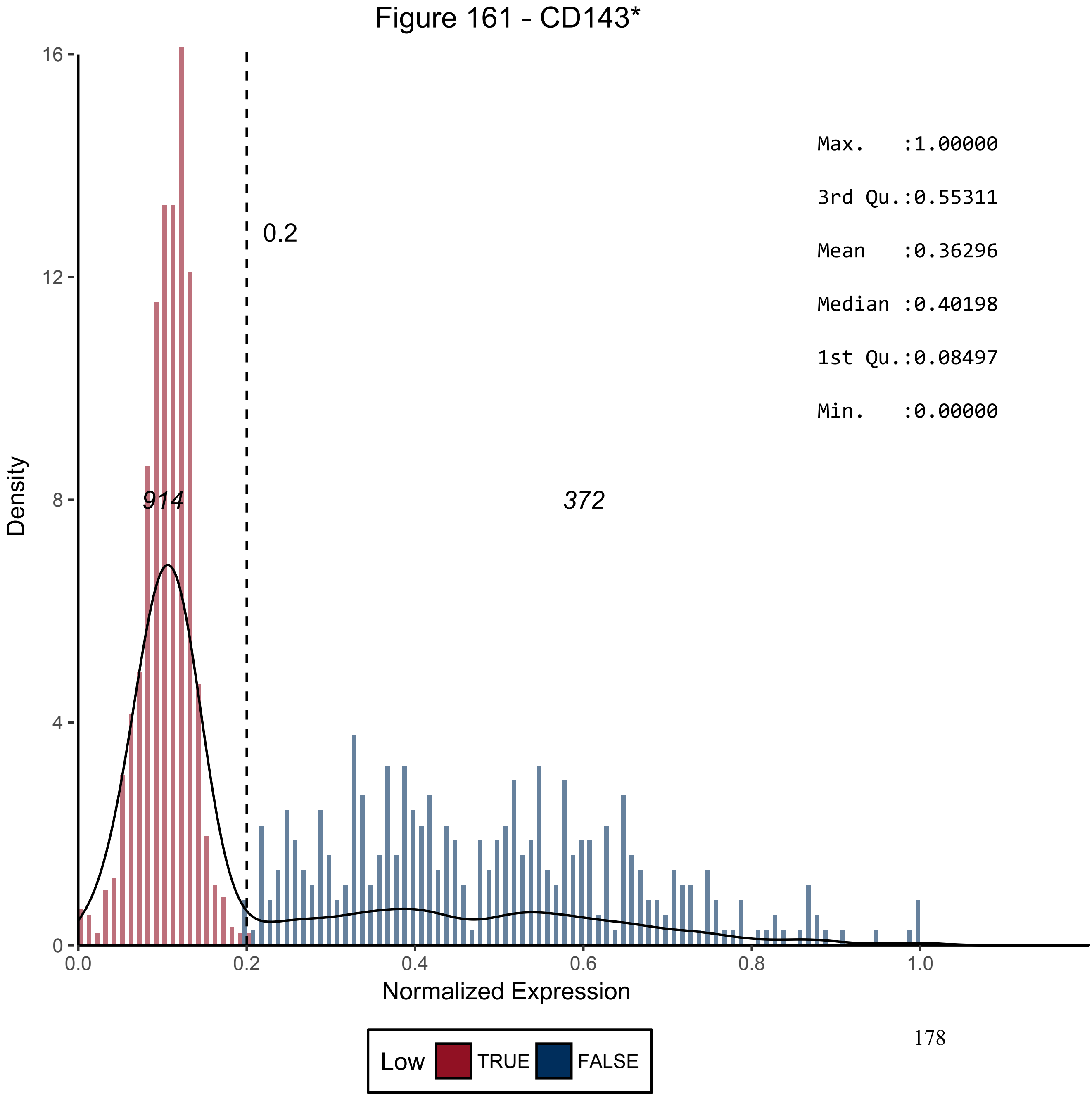
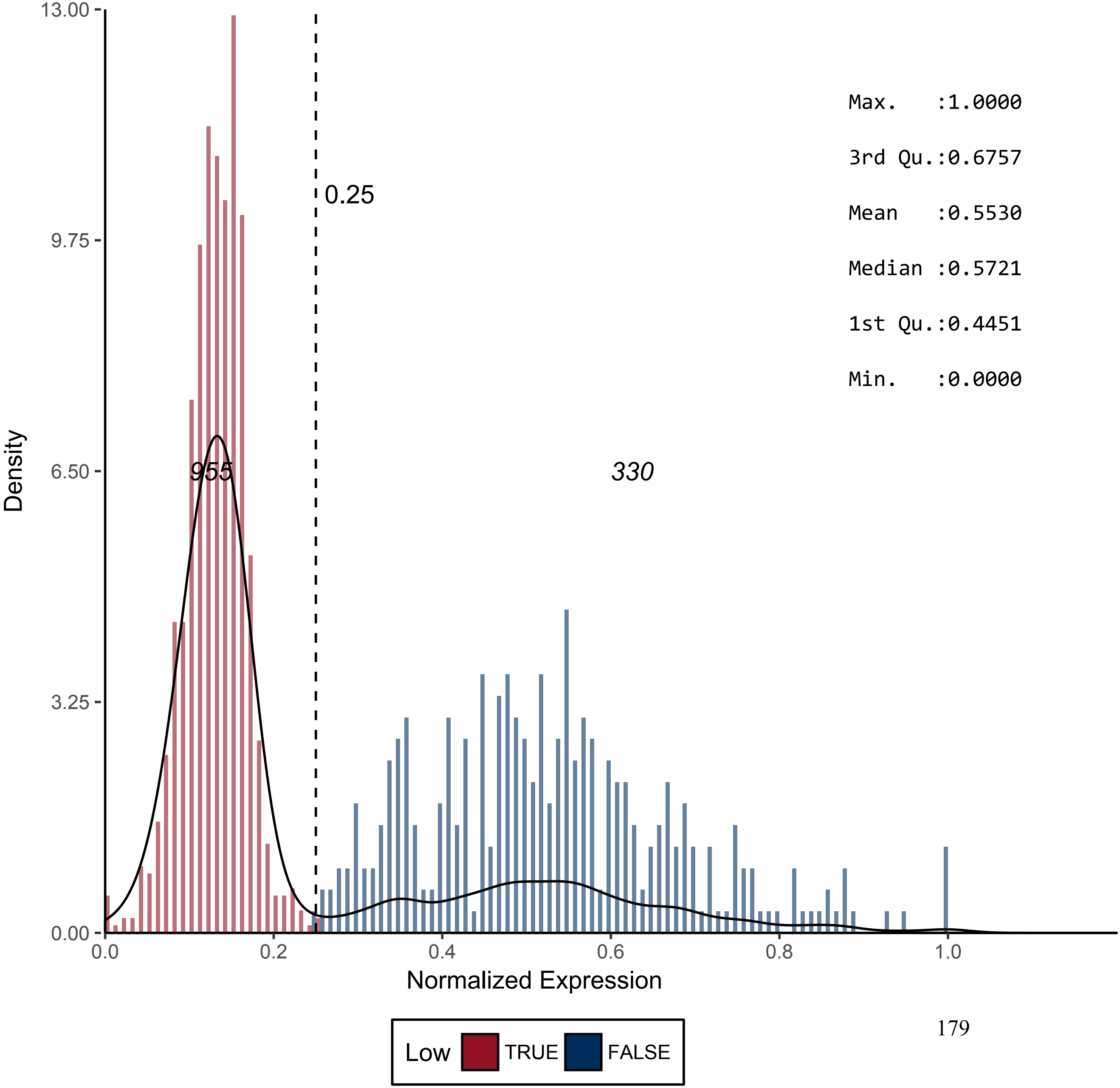


Figure 161 - CD143*
Max.   :1.00000
3rd Qu.:0.55311
Mean   :0.36296
Median :0.40198
1st Qu.:0.08497
Min.   :0.00000
0.2
914
372
Density
Normalized Expression
0
4
8
12
16
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

Figure 162 - CD144*



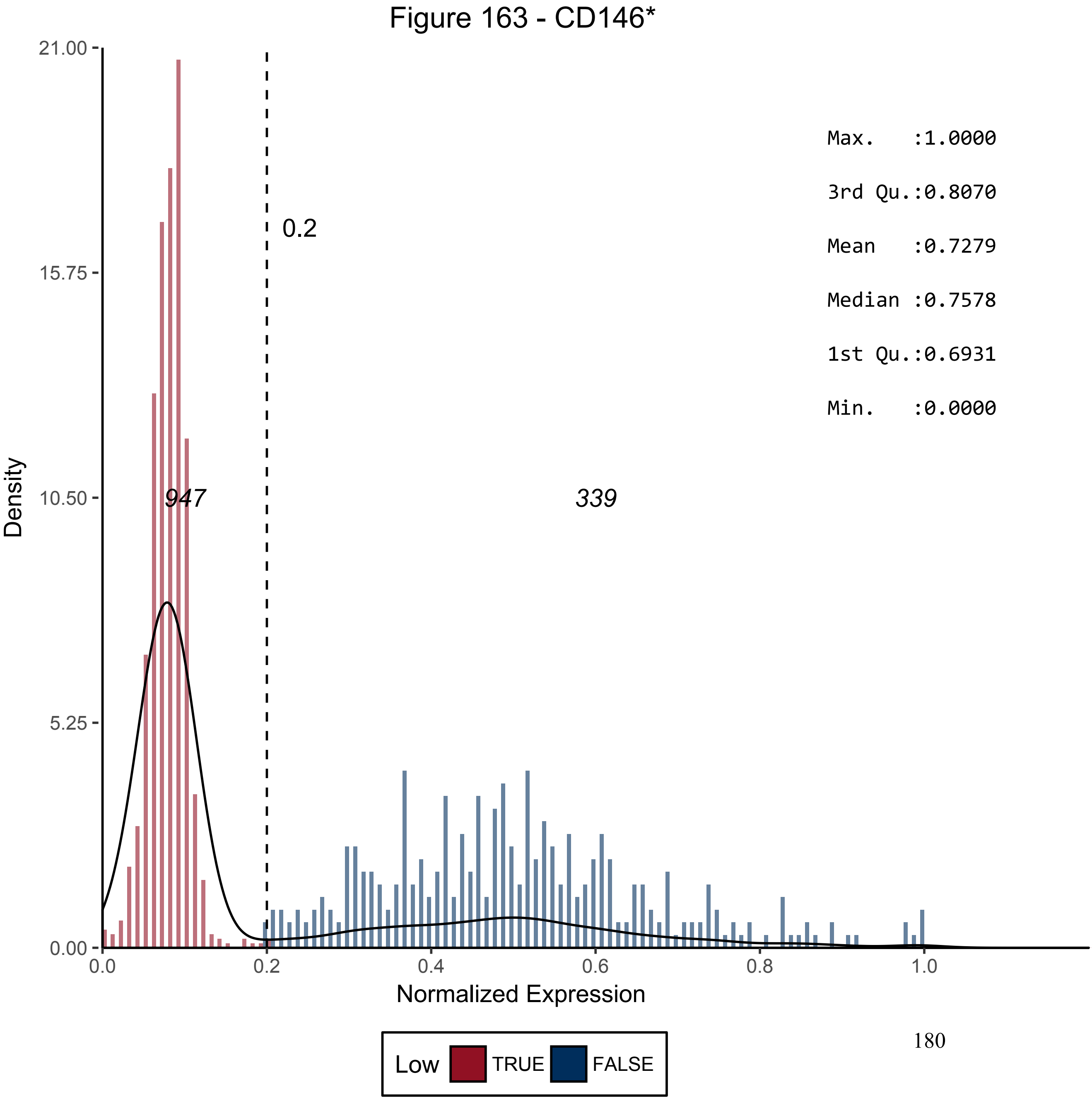


Figure 163 - CD146*
21.00
15.75
10.50
5.25
0.00
Density
0.2
947
339
Max.   :1.0000
3rd Qu.:0.8070
Mean   :0.7279
Median :0.7578
1st Qu.:0.6931
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

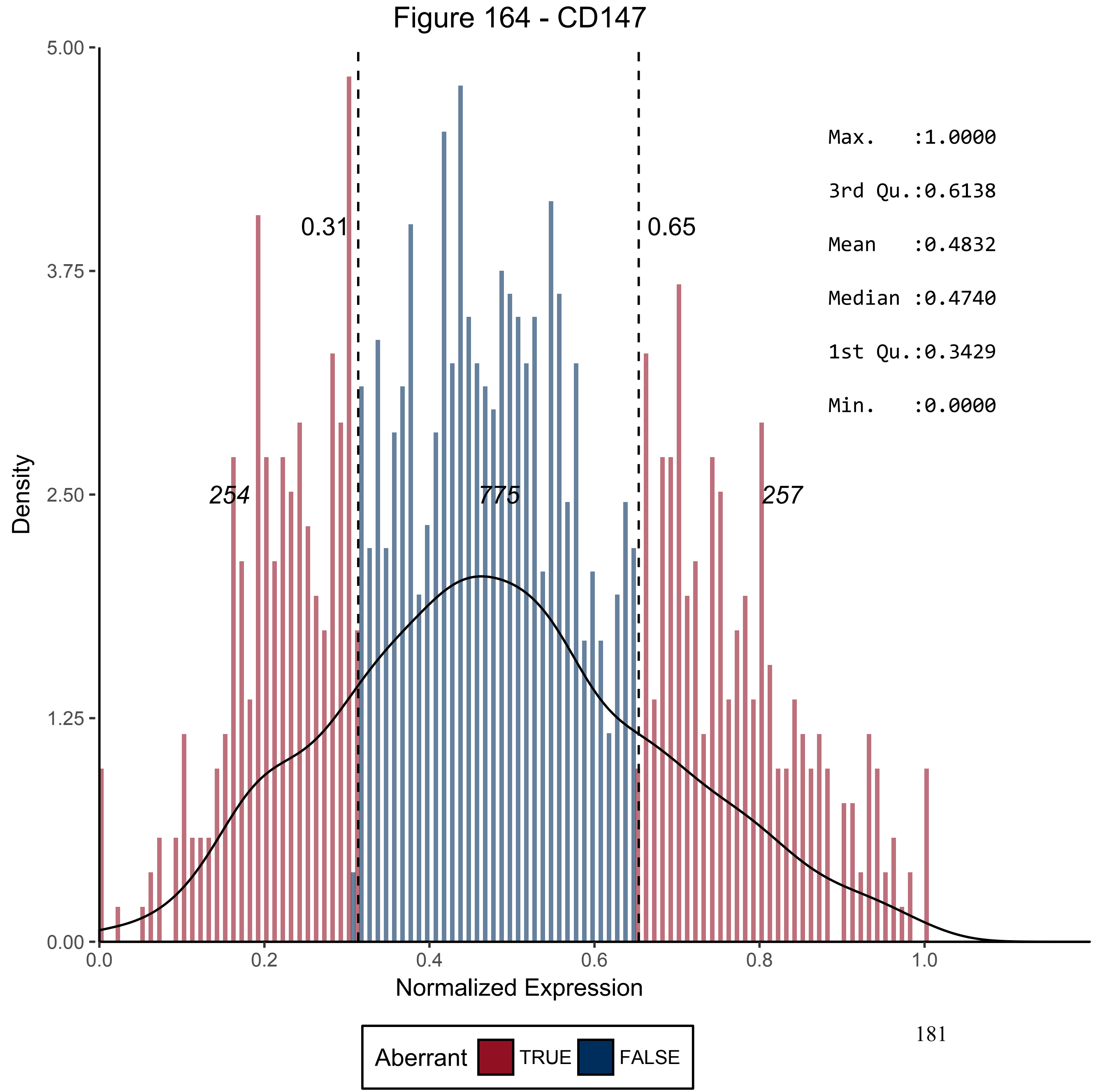


Figure 164 - CD147
5.00
3.75
2.50
1.25
0.00
Density
0.31
0.65
254
775
257
Max.   :1.0000
3rd Qu.:0.6138
Mean   :0.4832
Median :0.4740
1st Qu.:0.3429
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

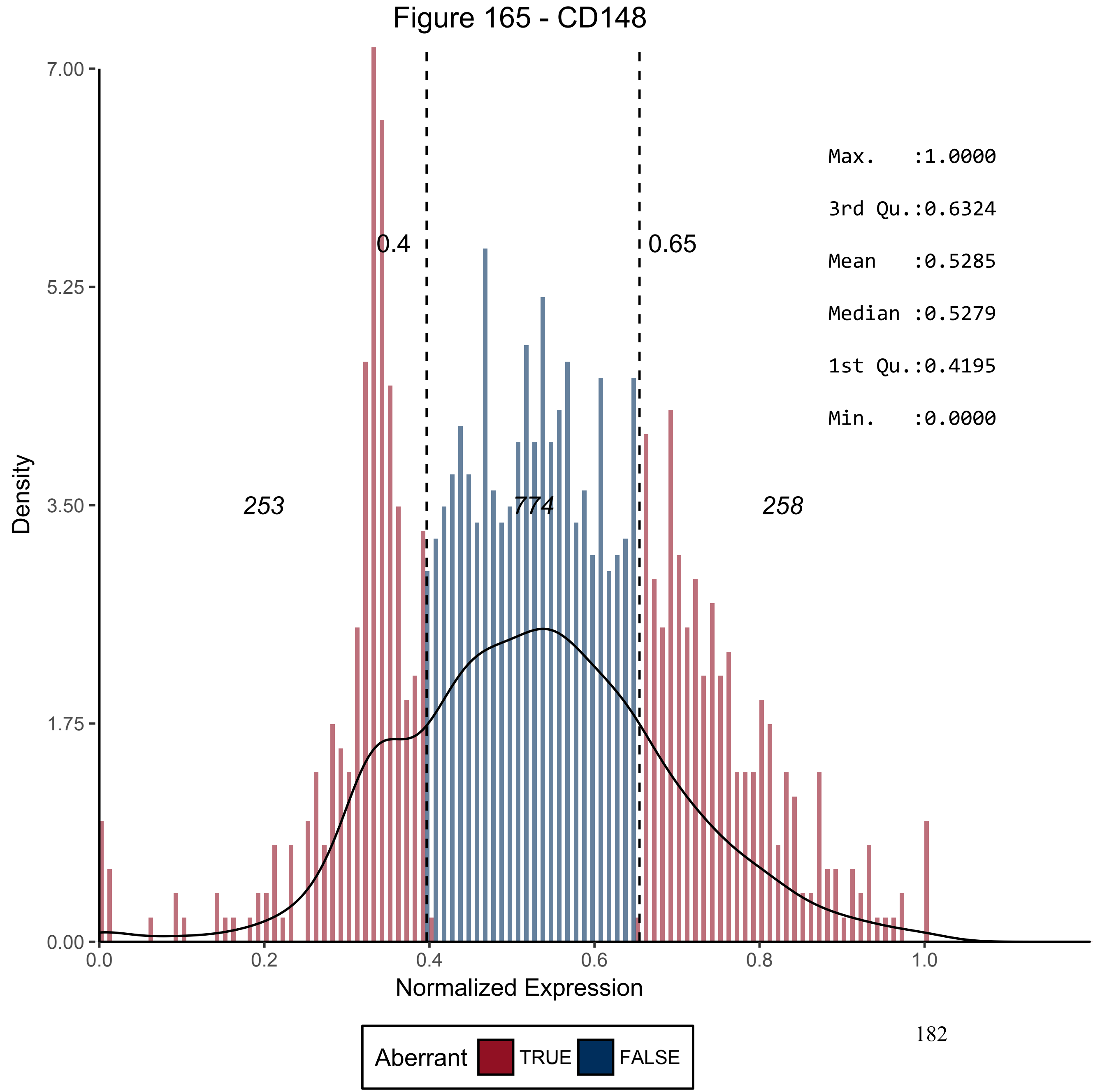
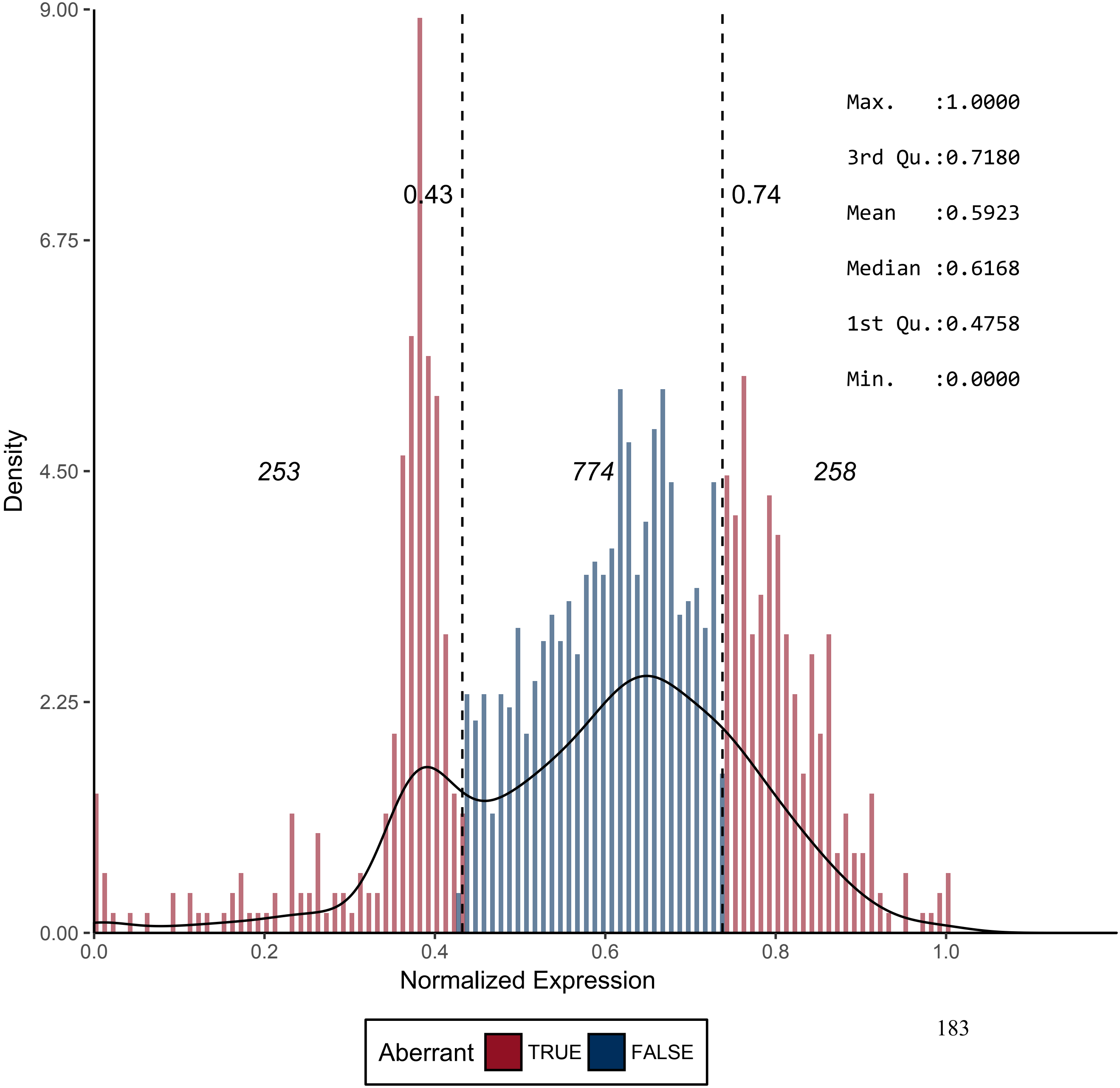


Figure 165 - CD148
Density
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.4
0.65
253
774
258
Max. :1.0000
3rd Qu.:0.6324
Mean :0.5285
Median :0.5279
1st Qu.:0.4195
Min. :0.0000
Aberrant
TRUE
FALSE

Figure 166 - CD150



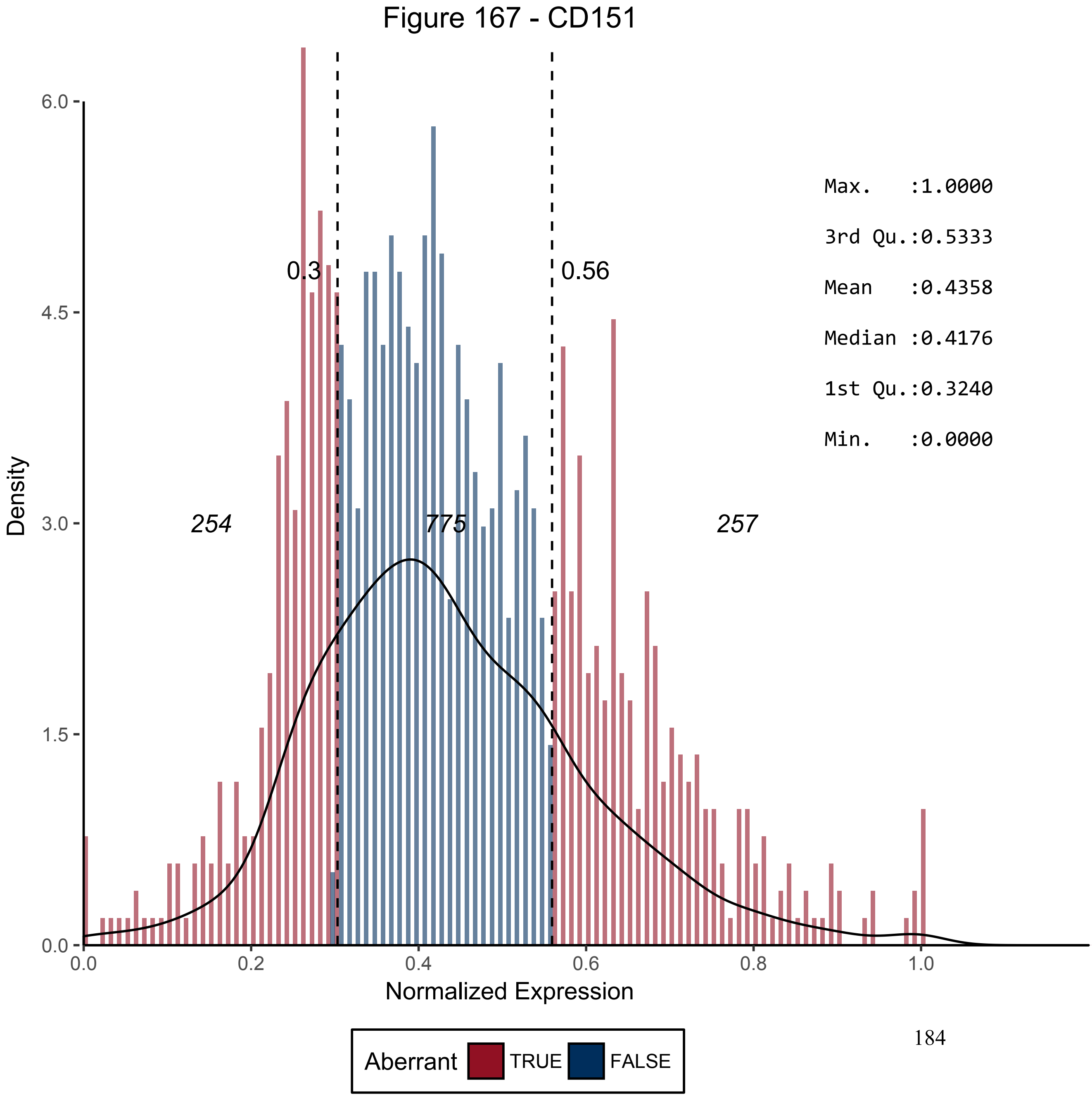


Figure 167 - CD151
Max.   :1.0000
3rd Qu.:0.5333
Mean   :0.4358
Median :0.4176
1st Qu.:0.3240
Min.   :0.0000
0.3
0.56
254
775
257
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

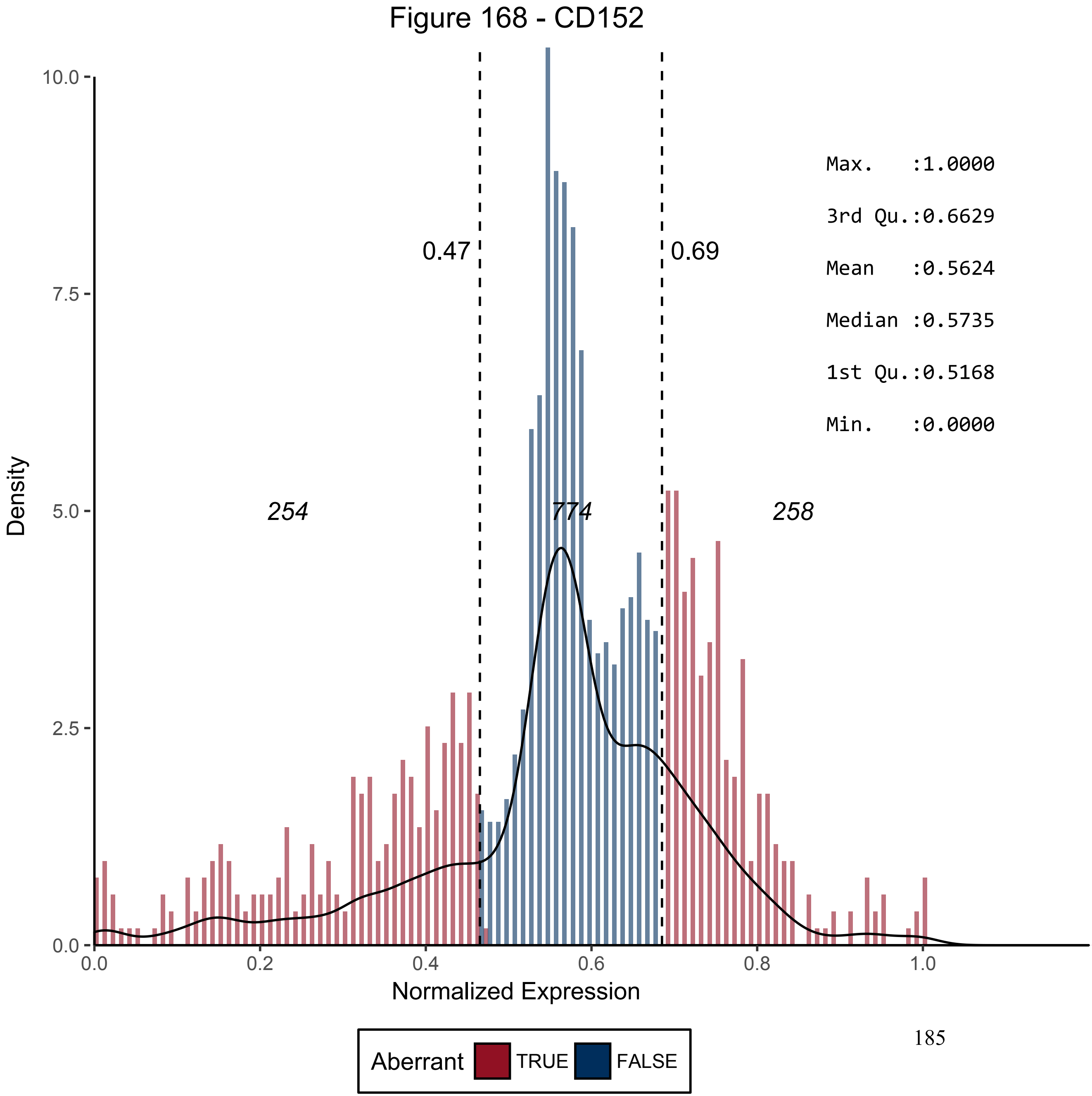
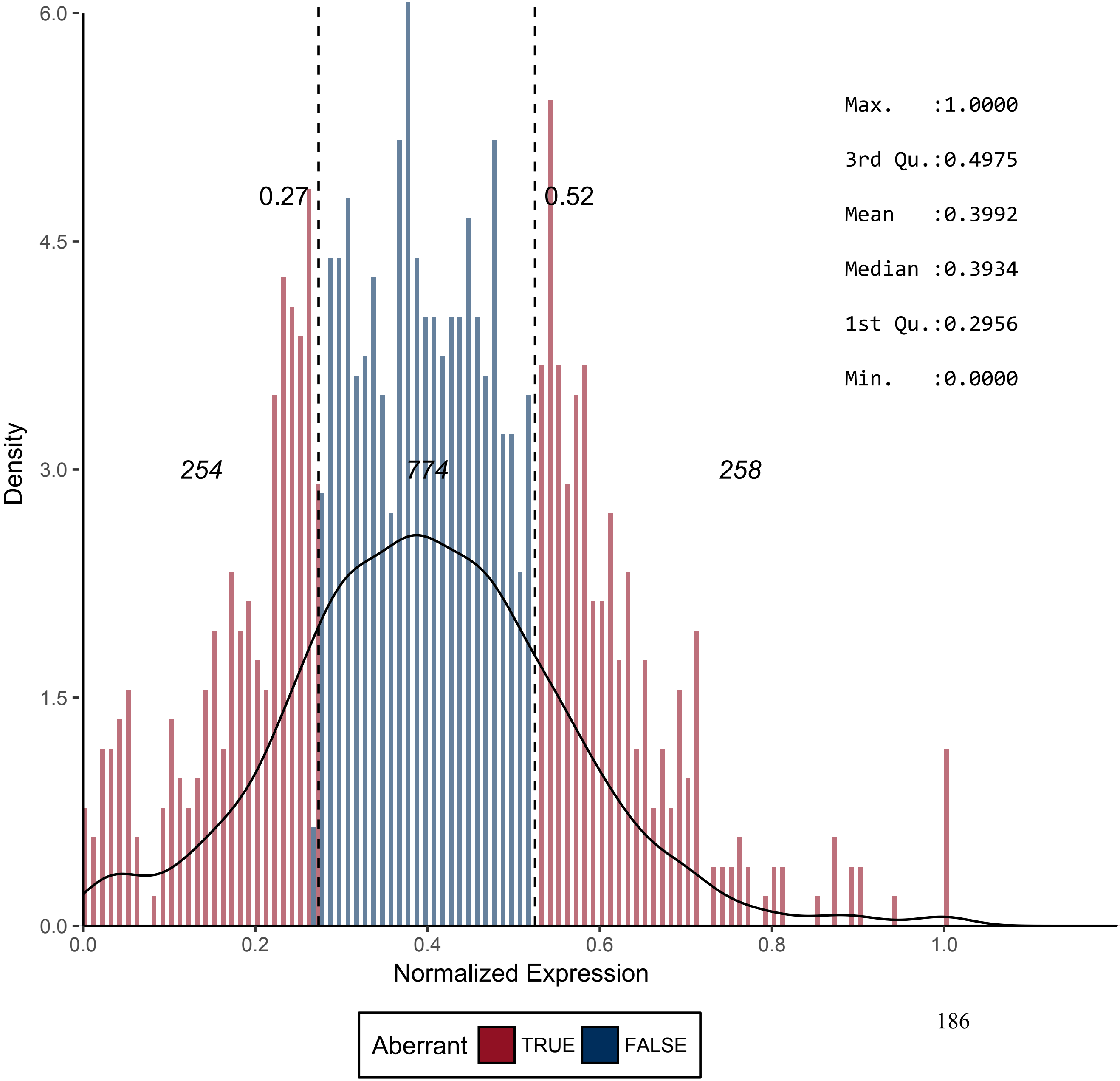


Figure 168 - CD152
Max.   :1.0000
3rd Qu.:0.6629
Mean   :0.5624
Median :0.5735
1st Qu.:0.5168
Min.   :0.0000
0.47
0.69
254
774
258
Density
Normalized Expression
0.0
2.5
5.0
7.5
10.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 169 - CD153



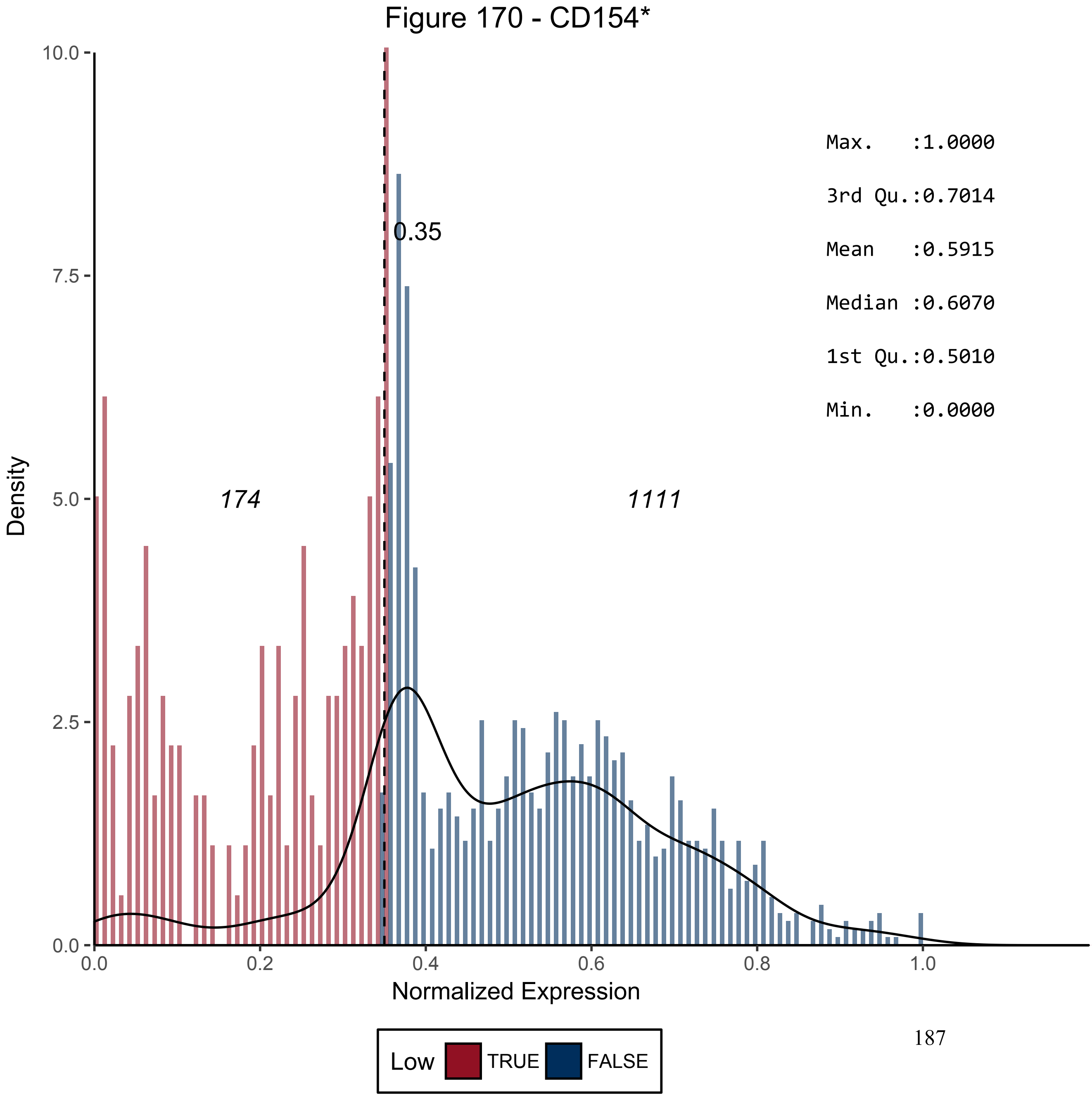
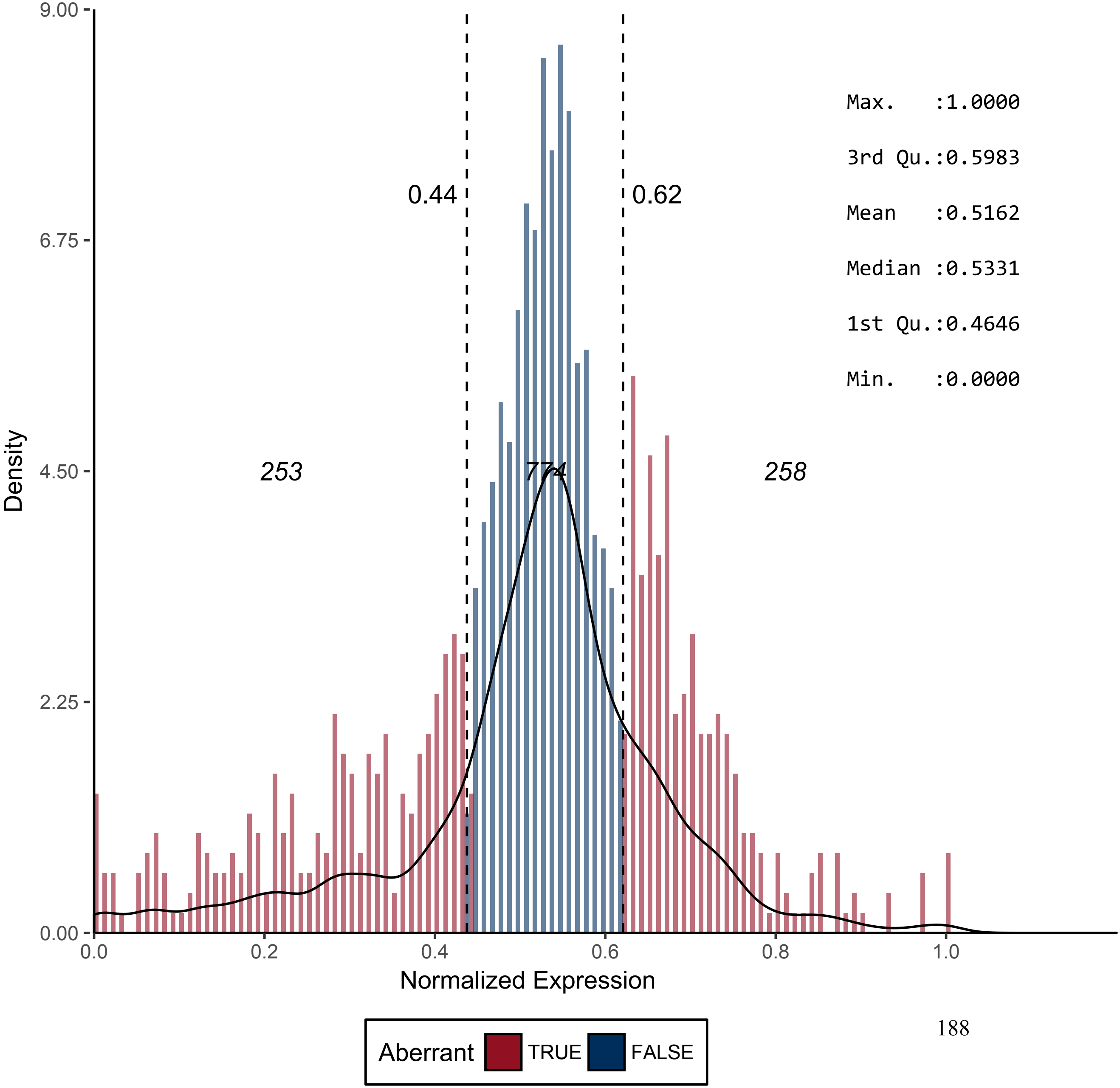


Figure 170 - CD154*
Max.   :1.0000
3rd Qu.:0.7014
Mean   :0.5915
Median :0.6070
1st Qu.:0.5010
Min.   :0.0000
0.35
174
1111
Density
Normalized Expression
0.0
2.5
5.0
7.5
10.0
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

Figure 171 - CD155



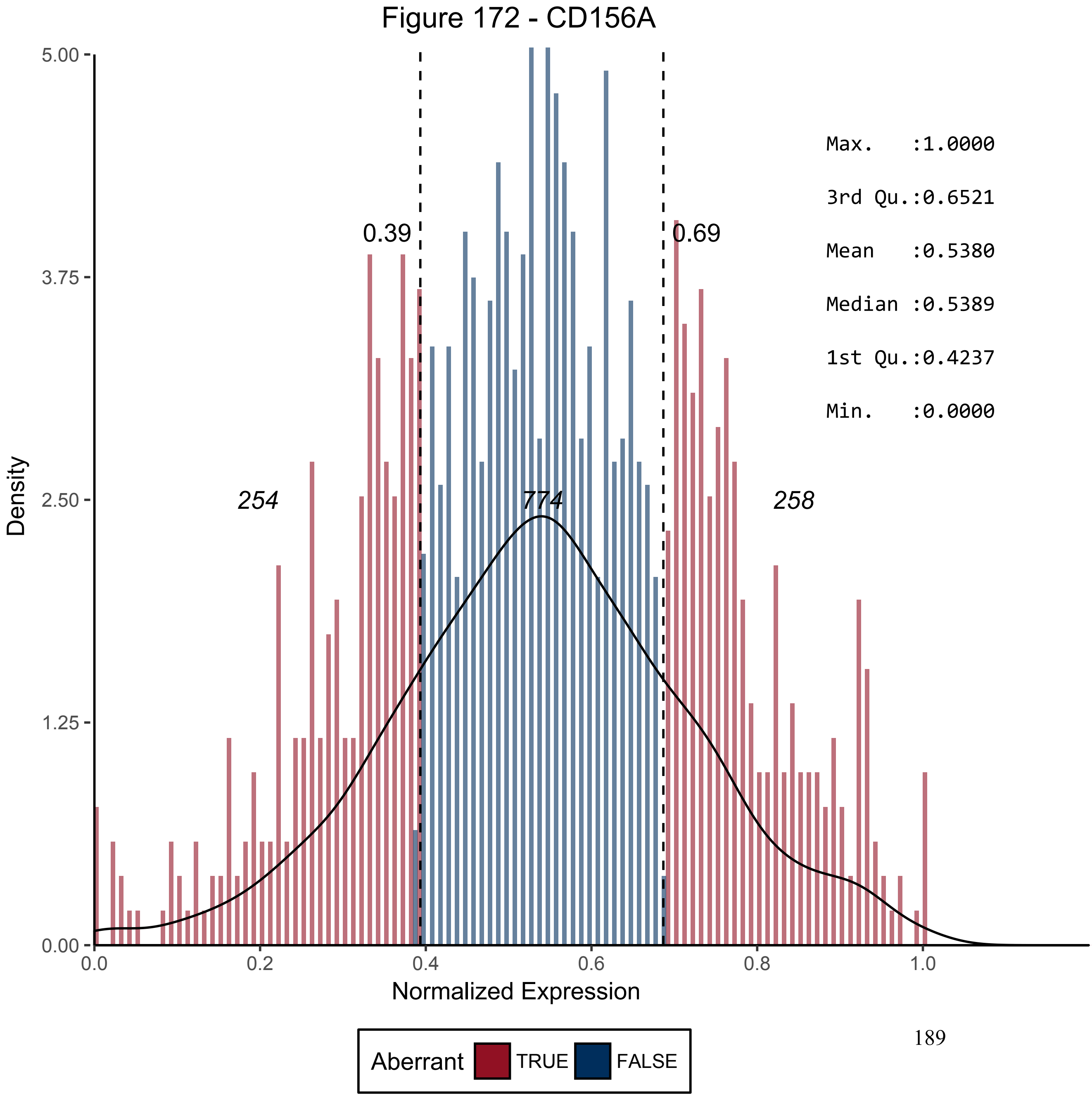


Figure 172 - CD156A
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.39
0.69
254
774
258
Max.   :1.0000
3rd Qu.:0.6521
Mean   :0.5380
Median :0.5389
1st Qu.:0.4237
Min.   :0.0000
Aberrant
TRUE
FALSE

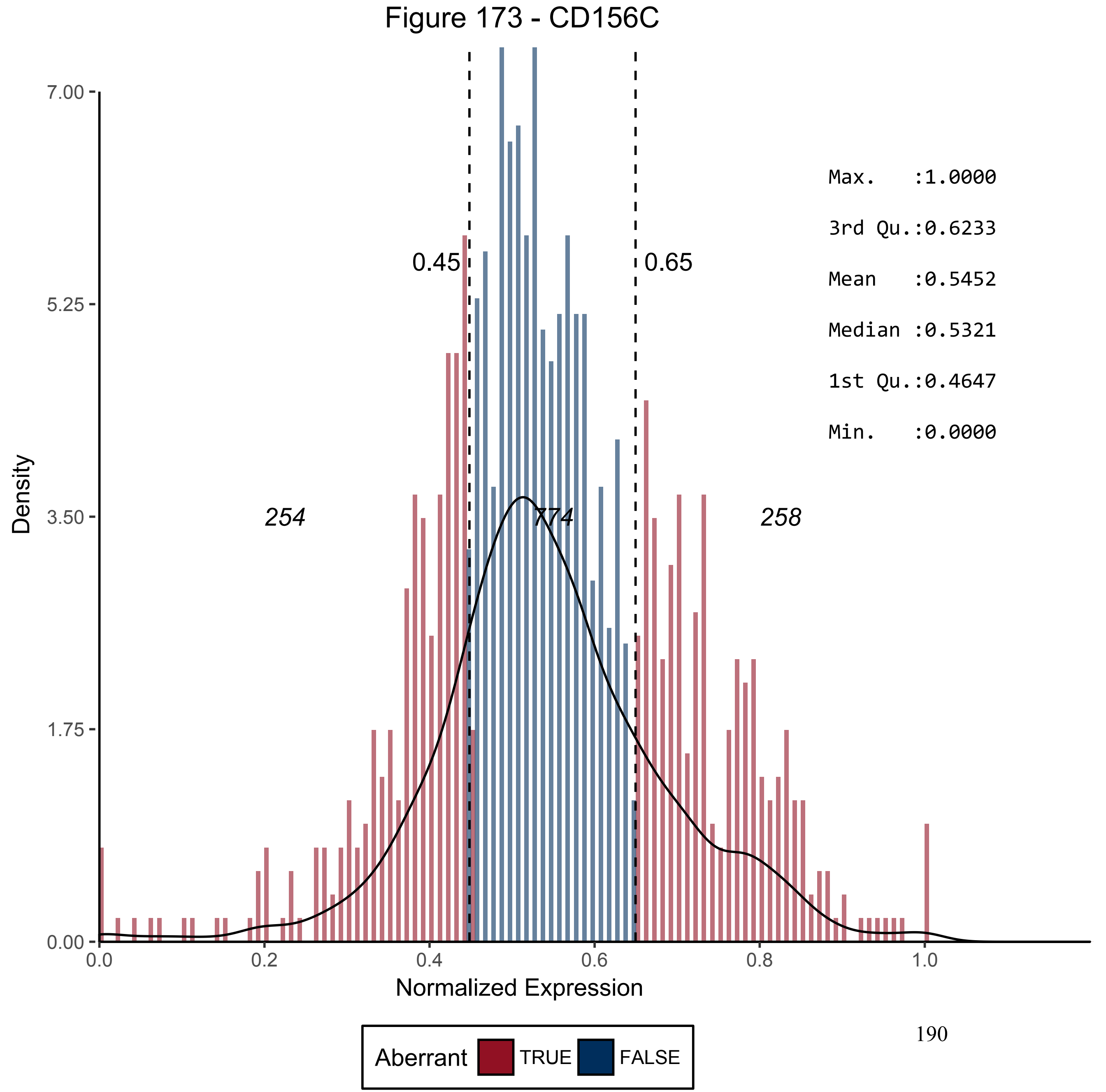


Figure 173 - CD156C
Density
Normalized Expression
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
0.45
0.65
254
774
258
Max.   :1.0000
3rd Qu.:0.6233
Mean   :0.5452
Median :0.5321
1st Qu.:0.4647
Min.   :0.0000
Aberrant
TRUE
FALSE

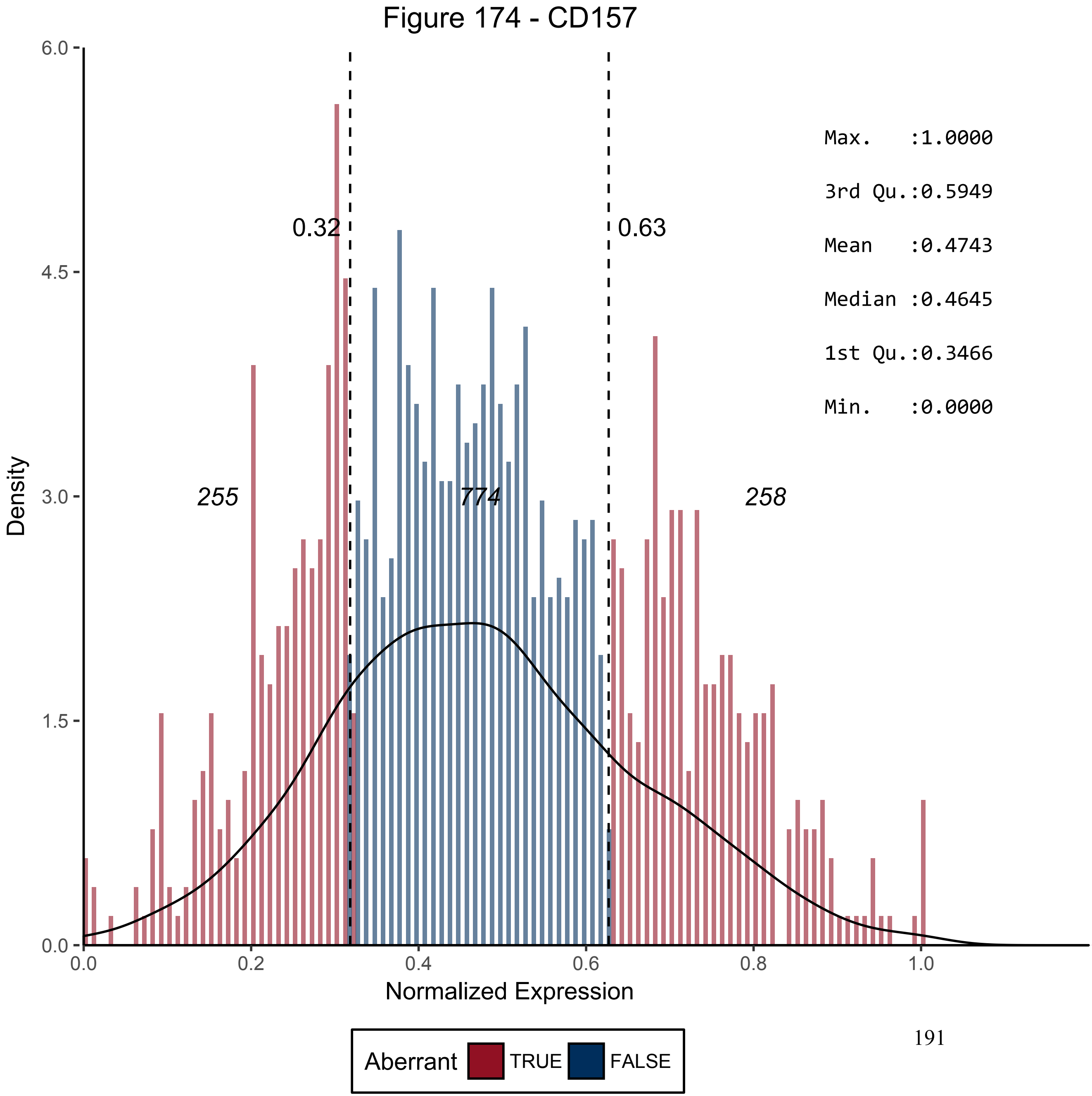


Figure 174 - CD157
6.0
4.5
3.0
1.5
0.0
Density
0.32
0.63
Max.   :1.0000
3rd Qu.:0.5949
Mean   :0.4743
Median :0.4645
1st Qu.:0.3466
Min.   :0.0000
255
774
258
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

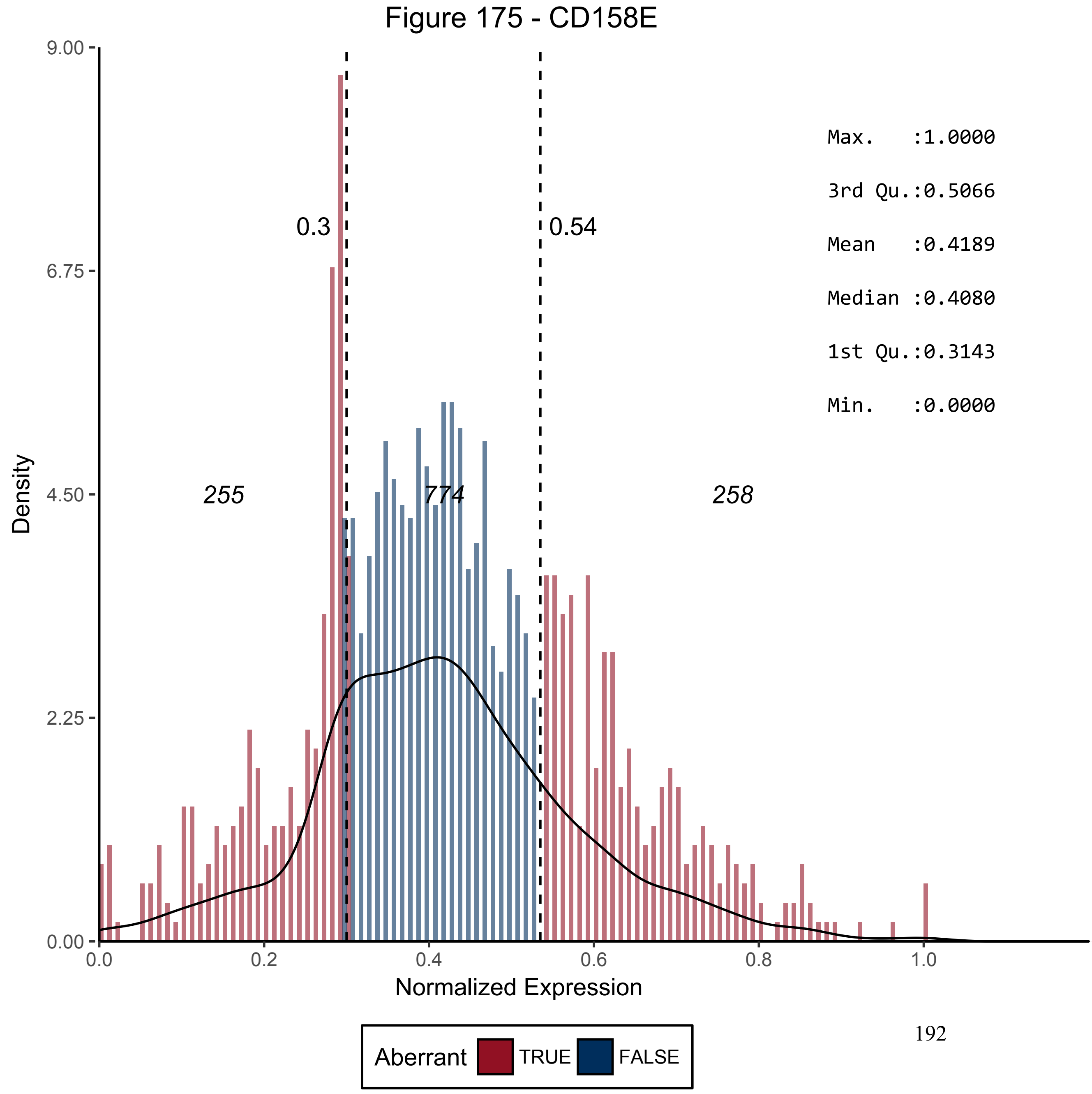


Figure 175 - CD158E
9.00
6.75
4.50
2.25
0.00
Density
0.3
0.54
255
774
258
Max.   :1.0000
3rd Qu.:0.5066
Mean   :0.4189
Median :0.4080
1st Qu.:0.3143
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

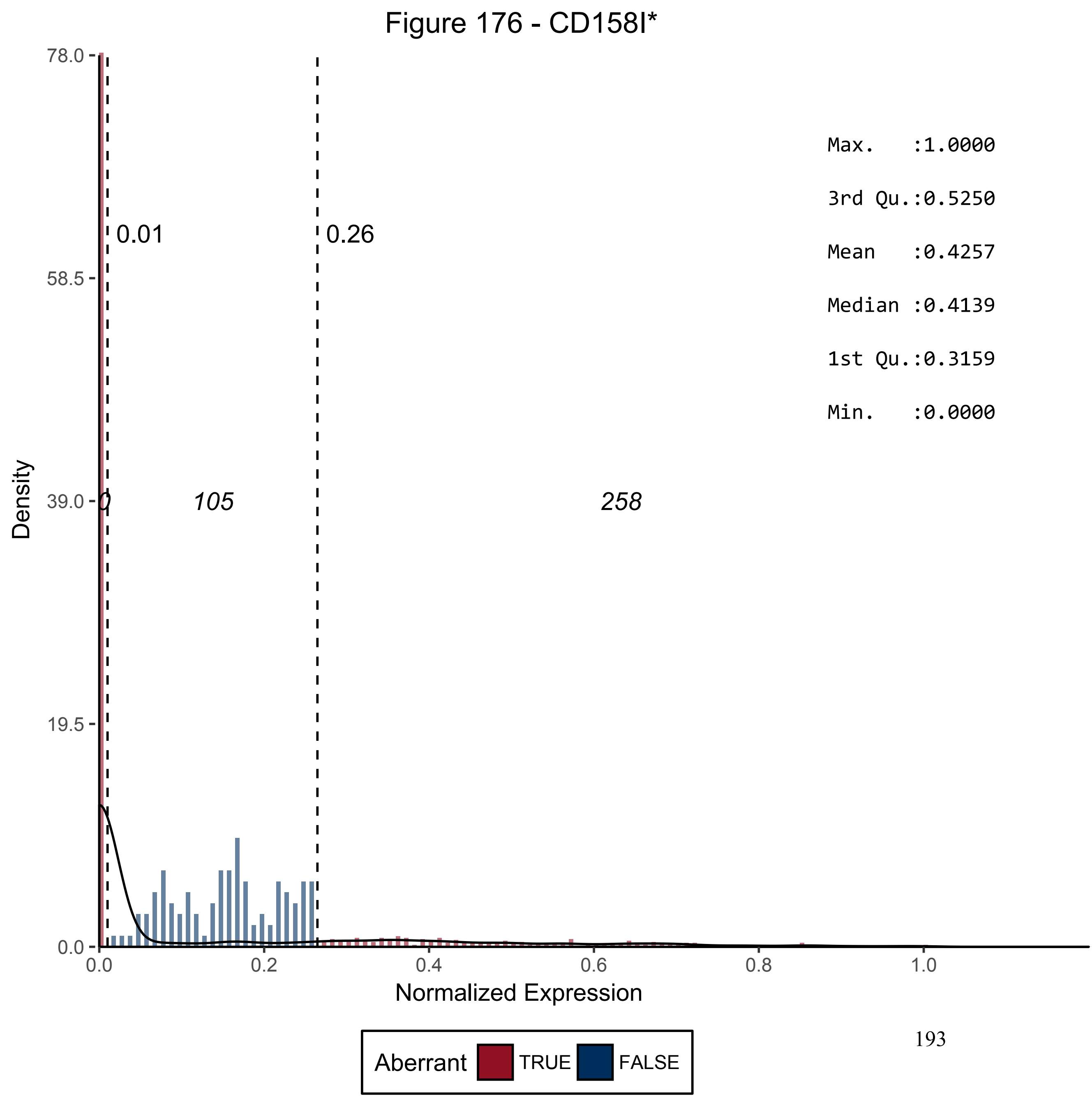


Figure 176 - CD158I*
Max.   :1.0000
3rd Qu.:0.5250
Mean   :0.4257
Median :0.4139
1st Qu.:0.3159
Min.   :0.0000
0.01
0.26
0
105
258
Density
78.0
58.5
39.0
19.5
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

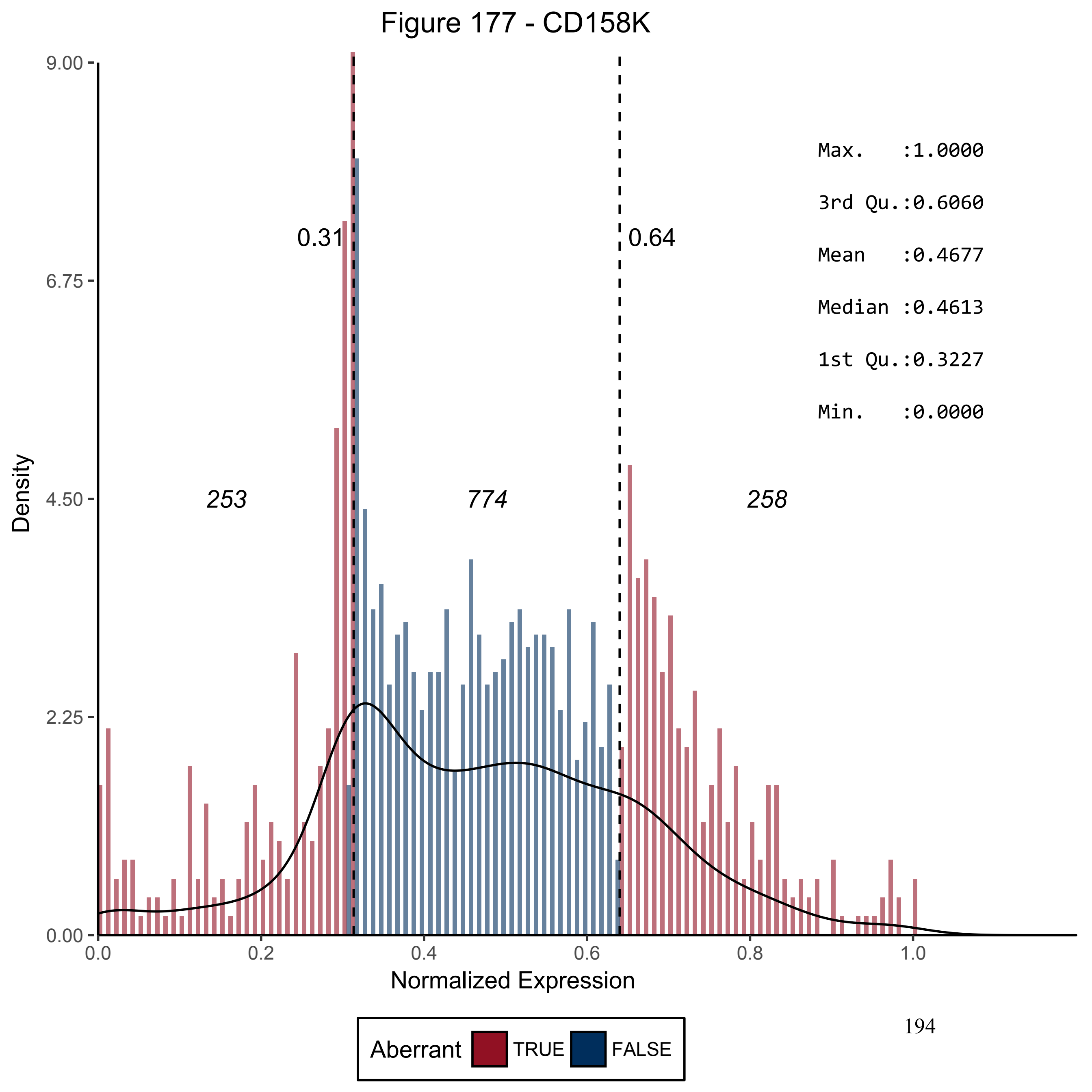


Figure 177 - CD158K
9.00
6.75
4.50
2.25
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.31
0.64
253
774
258
Max.   :1.0000
3rd Qu.:0.6060
Mean   :0.4677
Median :0.4613
1st Qu.:0.3227
Min.   :0.0000
Aberrant
TRUE
FALSE

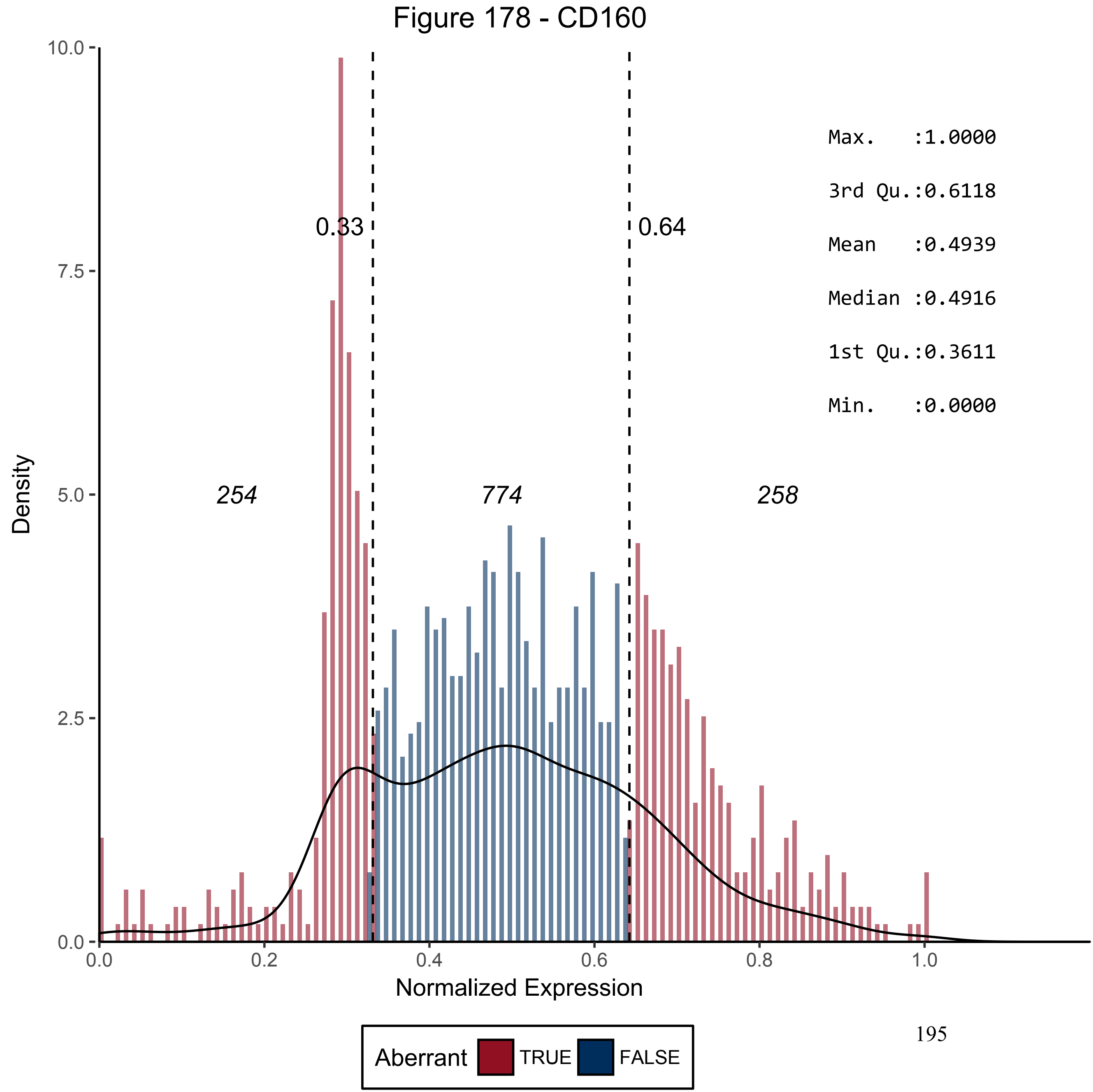
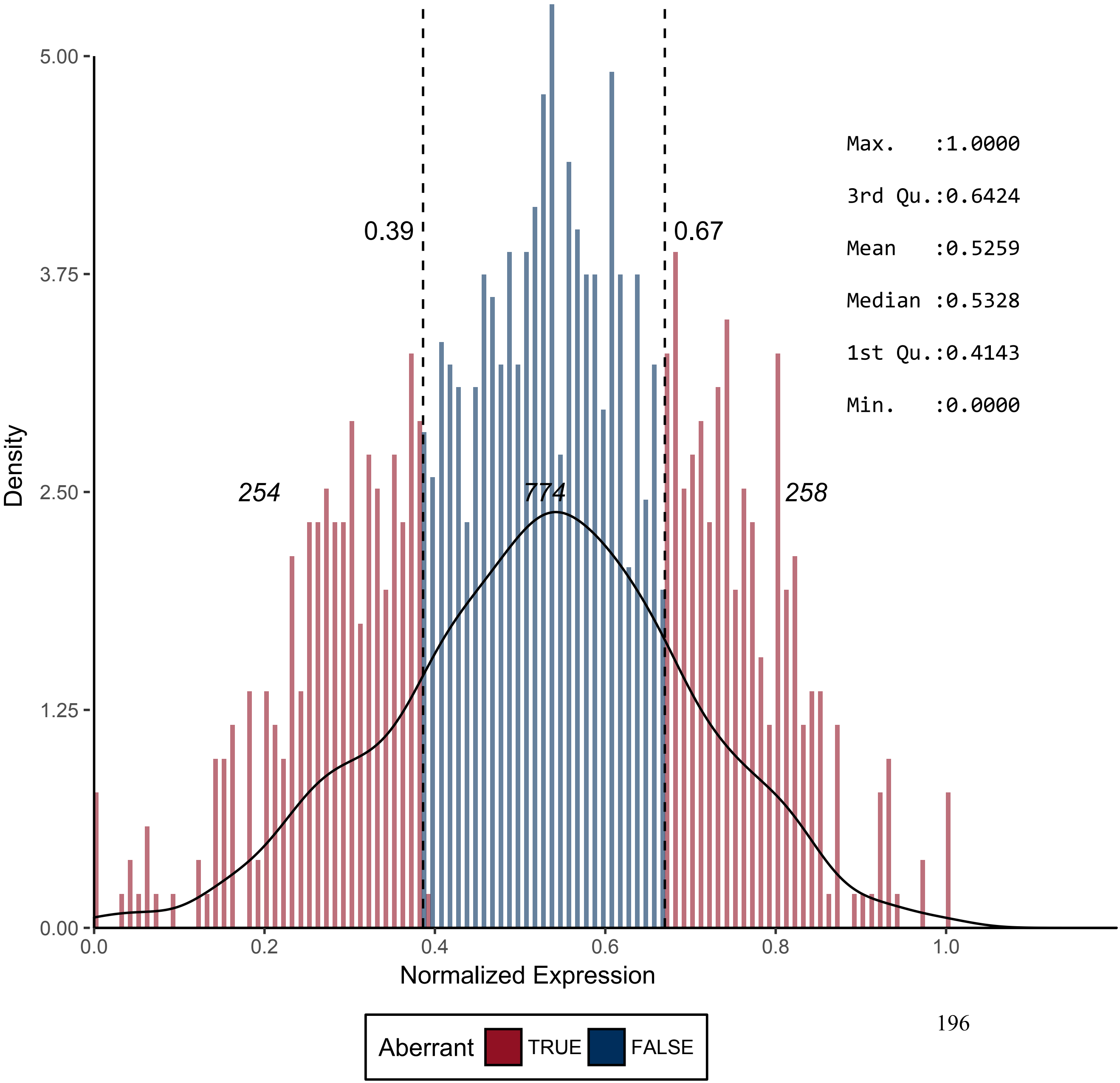


Figure 178 - CD160
Max. :1.0000
3rd Qu.:0.6118
Mean :0.4939
Median :0.4916
1st Qu.:0.3611
Min. :0.0000
0.33
0.64
254
774
258
Density
Normalized Expression
0.0
2.5
5.0
7.5
10.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 179 - CD161



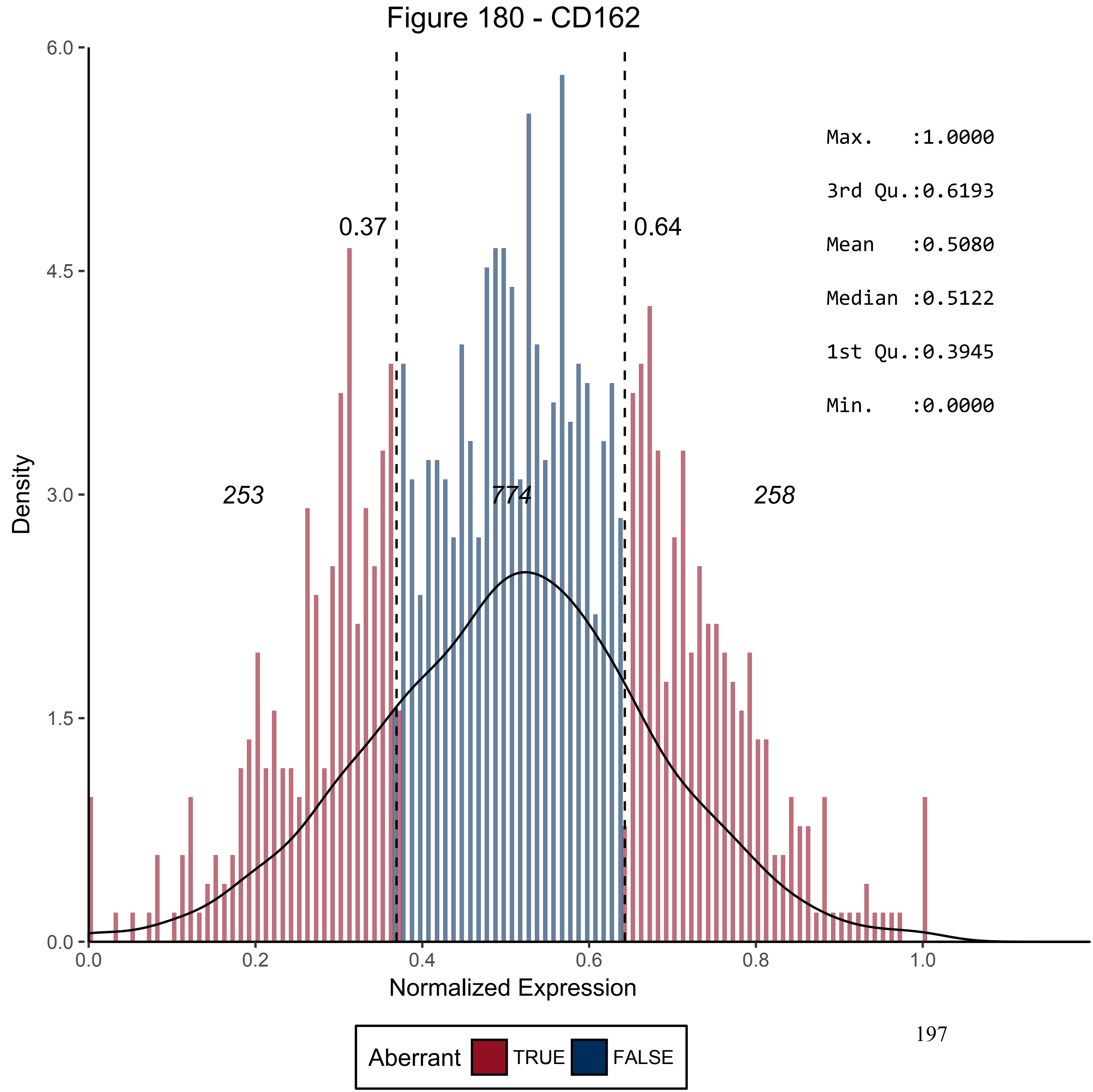


Figure 180 - CD162
Max. :1.0000
3rd Qu.:0.6193
Mean :0.5080
Median :0.5122
1st Qu.:0.3945
Min. :0.0000
0.37
0.64
253
774
258
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

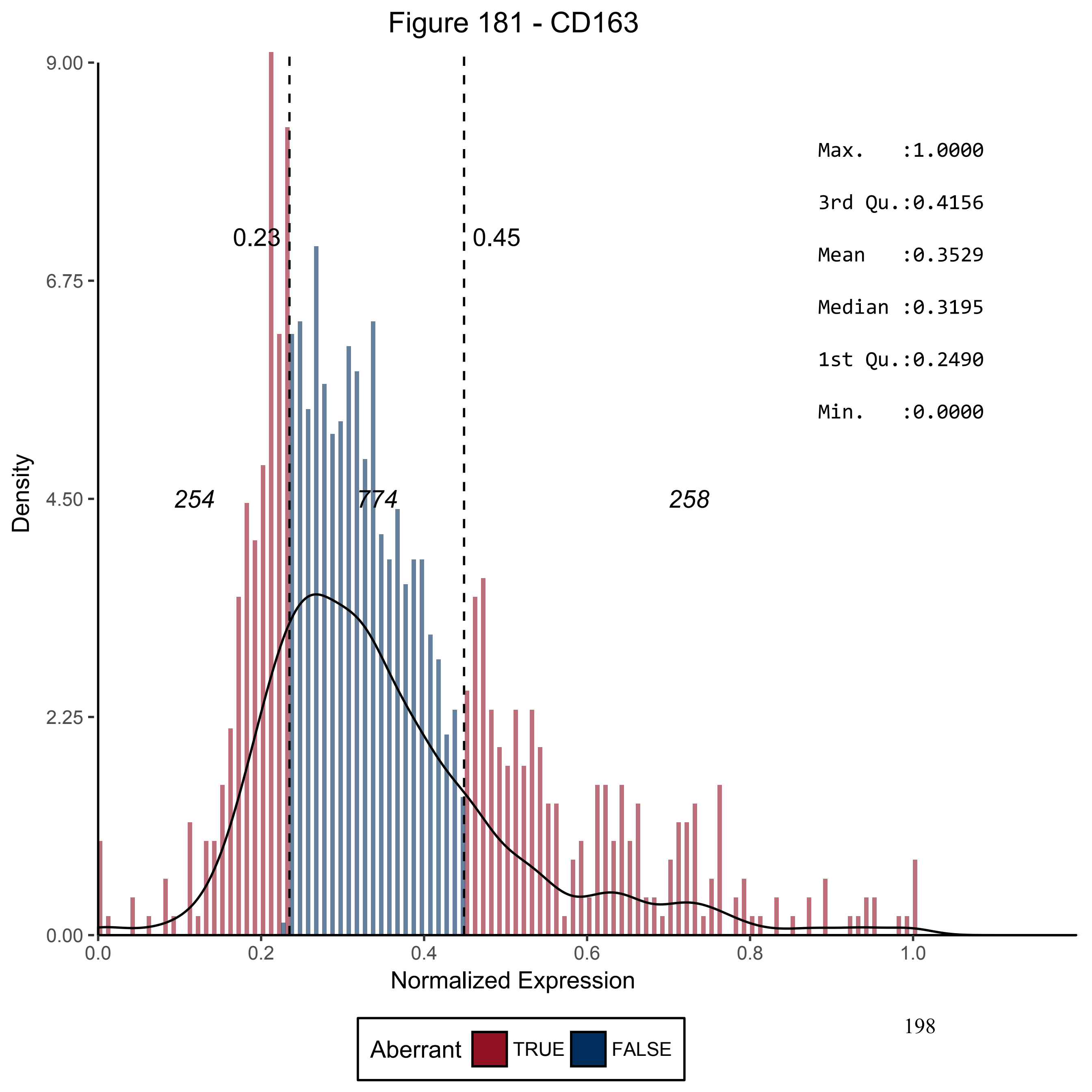


Figure 181 - CD163
9.00
6.75
4.50
2.25
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.23
0.45
254
774
258
Max. :1.0000
3rd Qu.:0.4156
Mean :0.3529
Median :0.3195
1st Qu.:0.2490
Min. :0.0000
Aberrant
TRUE
FALSE

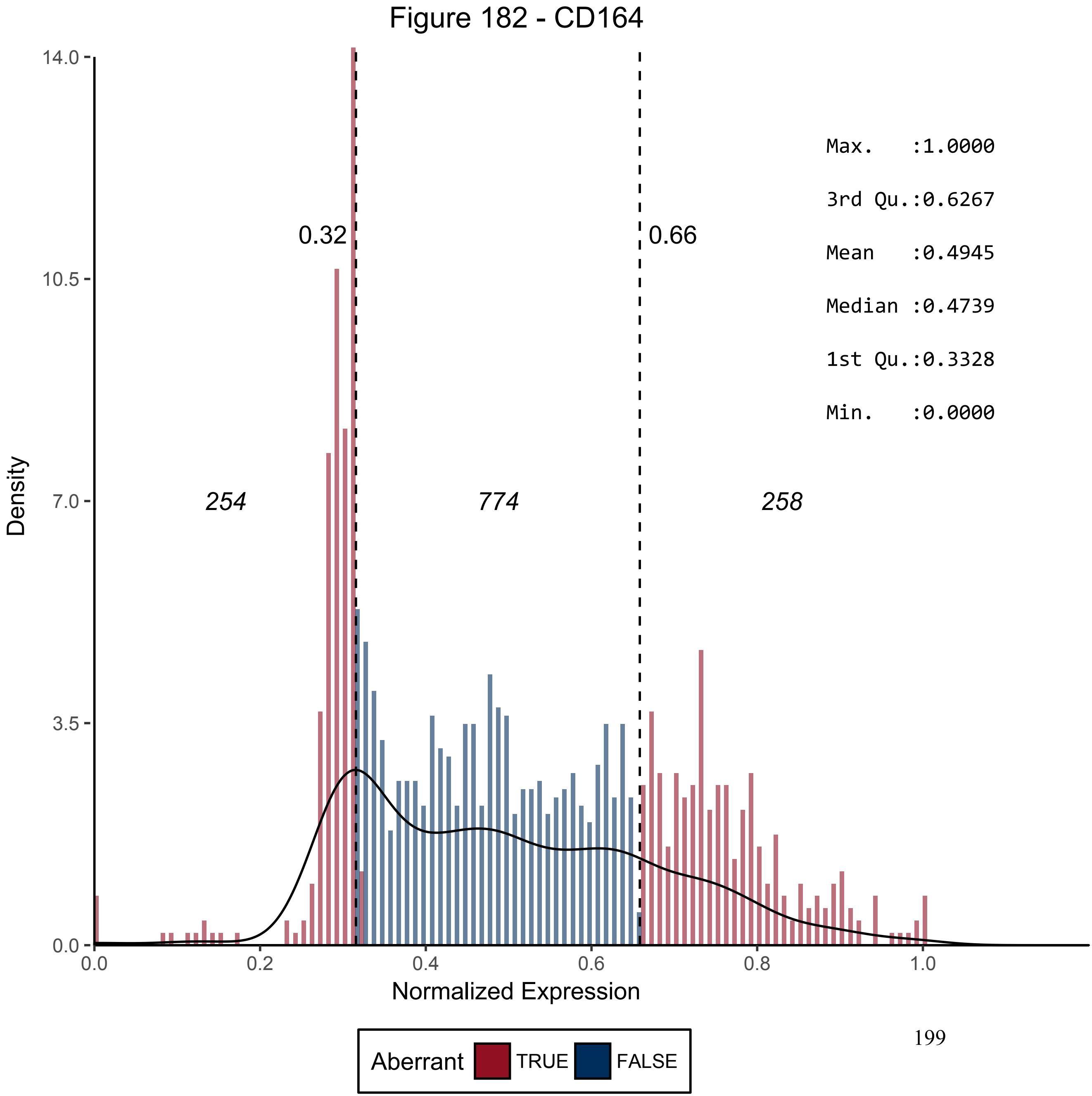


Figure 182 - CD164
14.0
10.5
7.0
3.5
0.0
Density
0.32
0.66
Max. :1.0000
3rd Qu.:0.6267
Mean :0.4945
Median :0.4739
1st Qu.:0.3328
Min. :0.0000
254
774
258
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

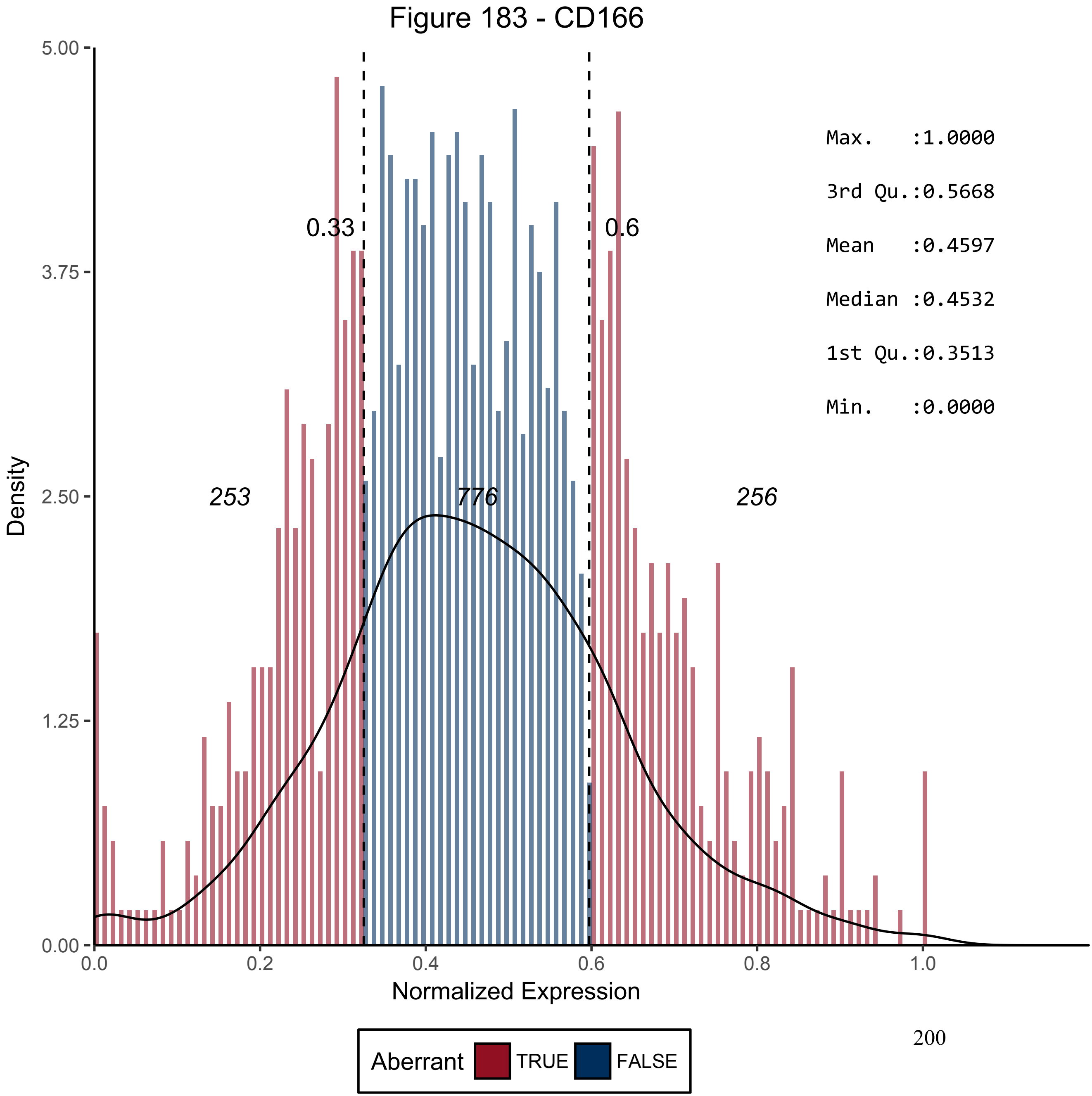


Figure 183 - CD166
Density
Normalized Expression
0.33
0.6
253
776
256
Max. :1.0000
3rd Qu.:0.5668
Mean :0.4597
Median :0.4532
1st Qu.:0.3513
Min. :0.0000
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

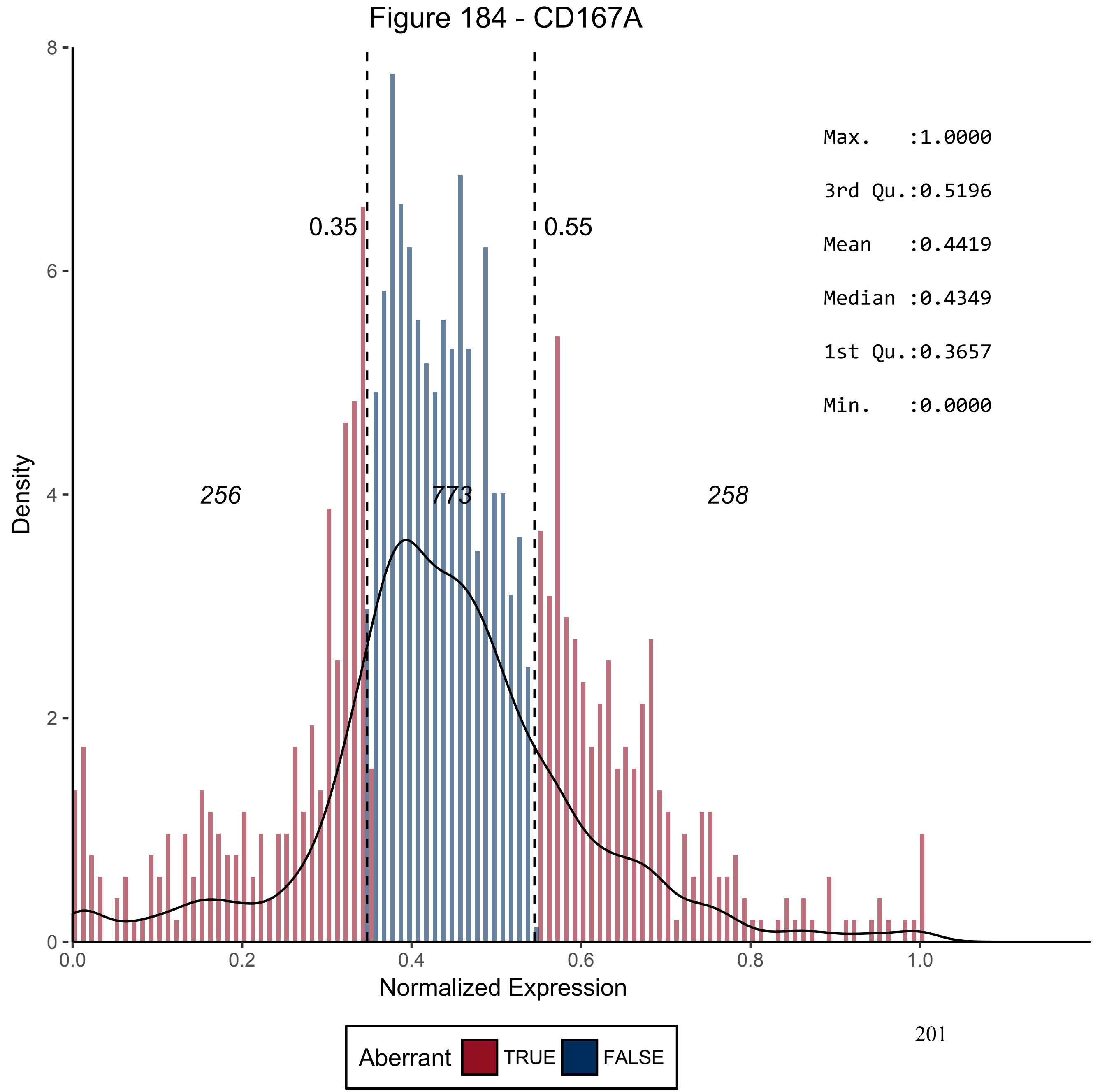


Figure 184 - CD167A
Max. :1.0000
3rd Qu.:0.5196
Mean :0.4419
Median :0.4349
1st Qu.:0.3657
Min. :0.0000
0.35
0.55
256
773
258
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
2
4
6
8
Aberrant
TRUE
FALSE

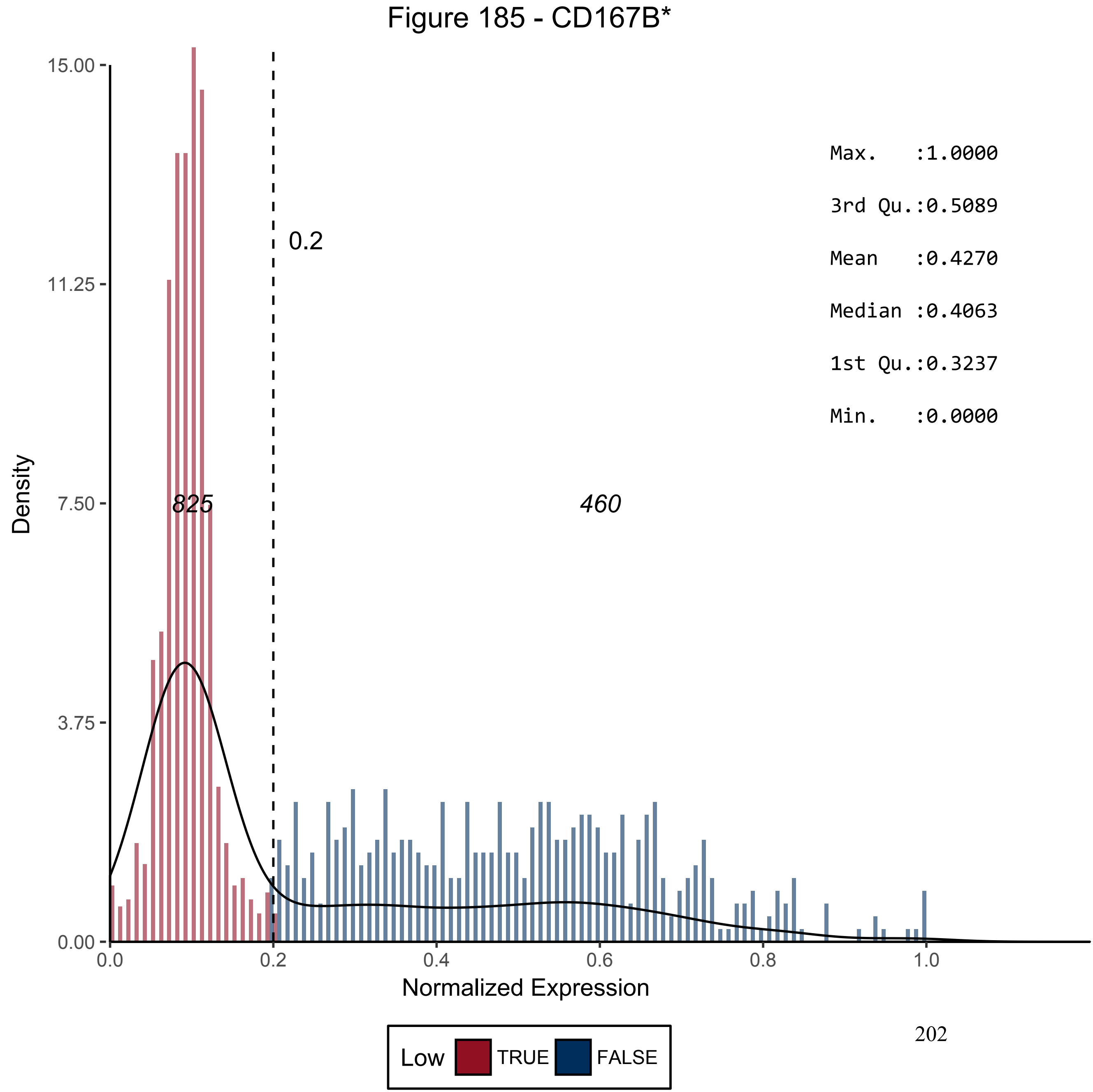
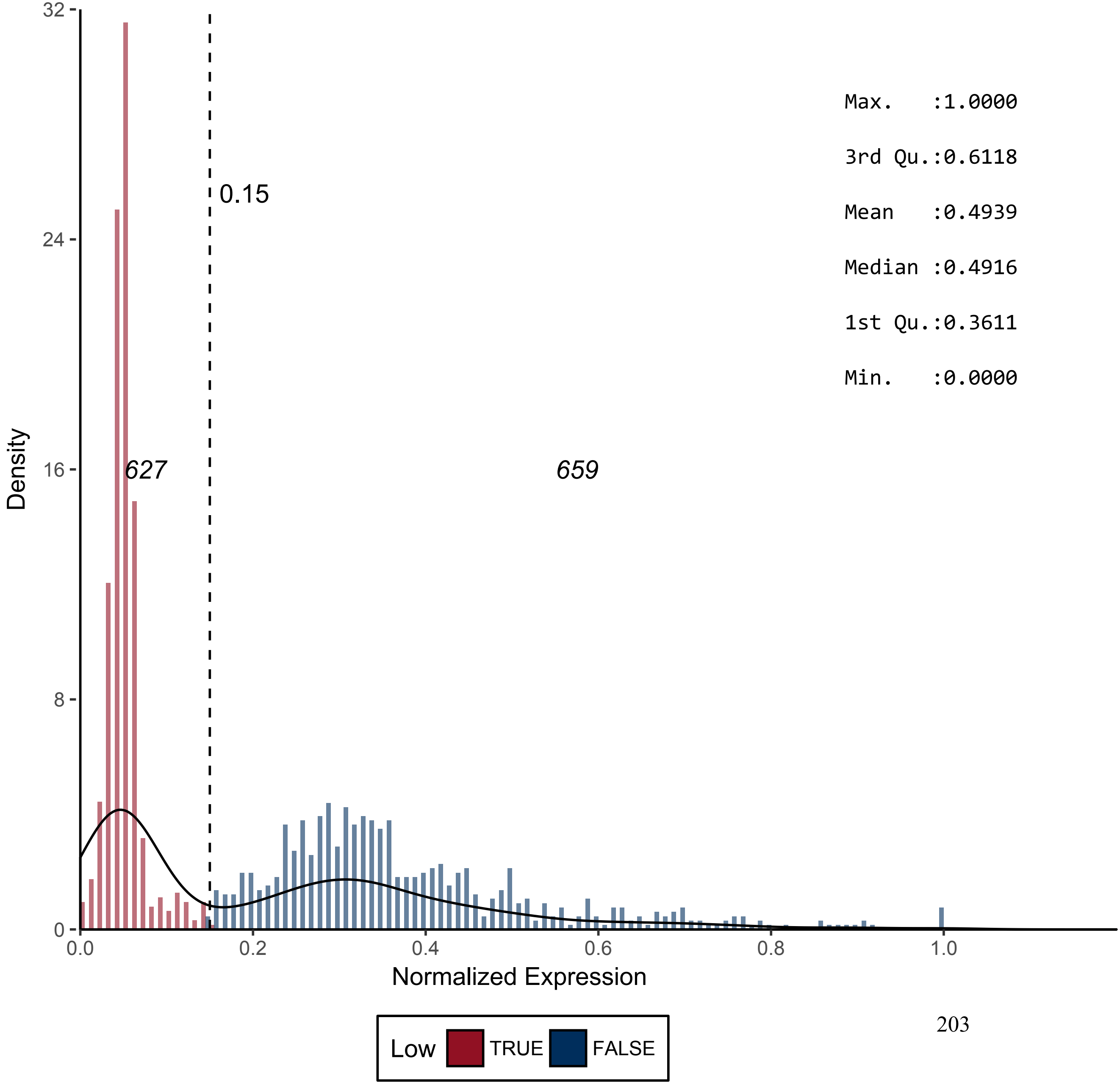


Figure 185 - CD167B*
Max.   :1.0000
3rd Qu.:0.5089
Mean   :0.4270
Median :0.4063
1st Qu.:0.3237
Min.   :0.0000
0.2
825
460
Density
15.00
11.25
7.50
3.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

Figure 186 - CD168*



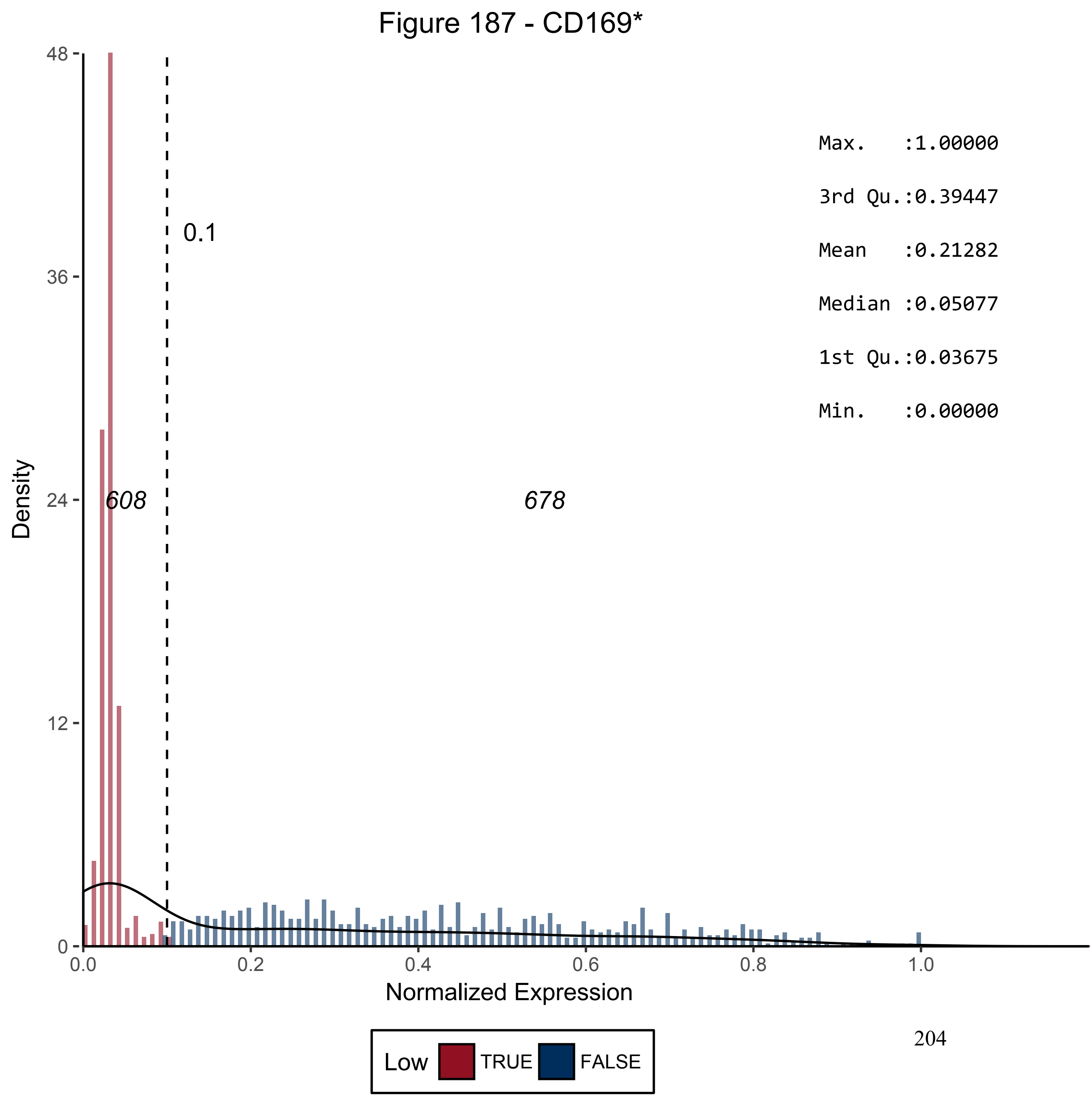


Figure 187 - CD169*
48
36
24
12
0
Density
0.1
608
678
Max.   :1.00000
3rd Qu.:0.39447
Mean   :0.21282
Median :0.05077
1st Qu.:0.03675
Min.   :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

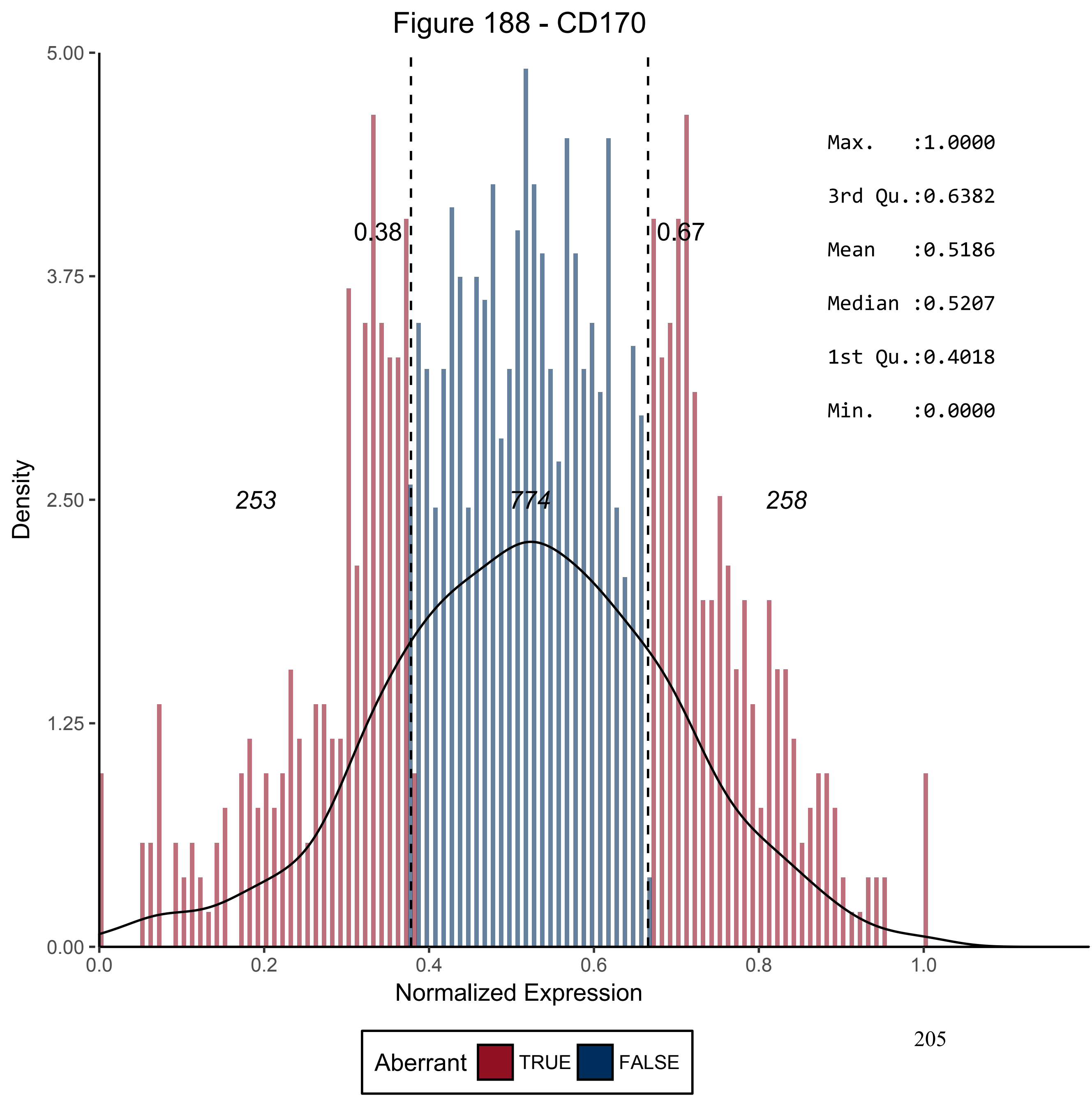


Figure 188 - CD170
Max. :1.0000
3rd Qu.:0.6382
Mean :0.5186
Median :0.5207
1st Qu.:0.4018
Min. :0.0000
0.38
0.67
253
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

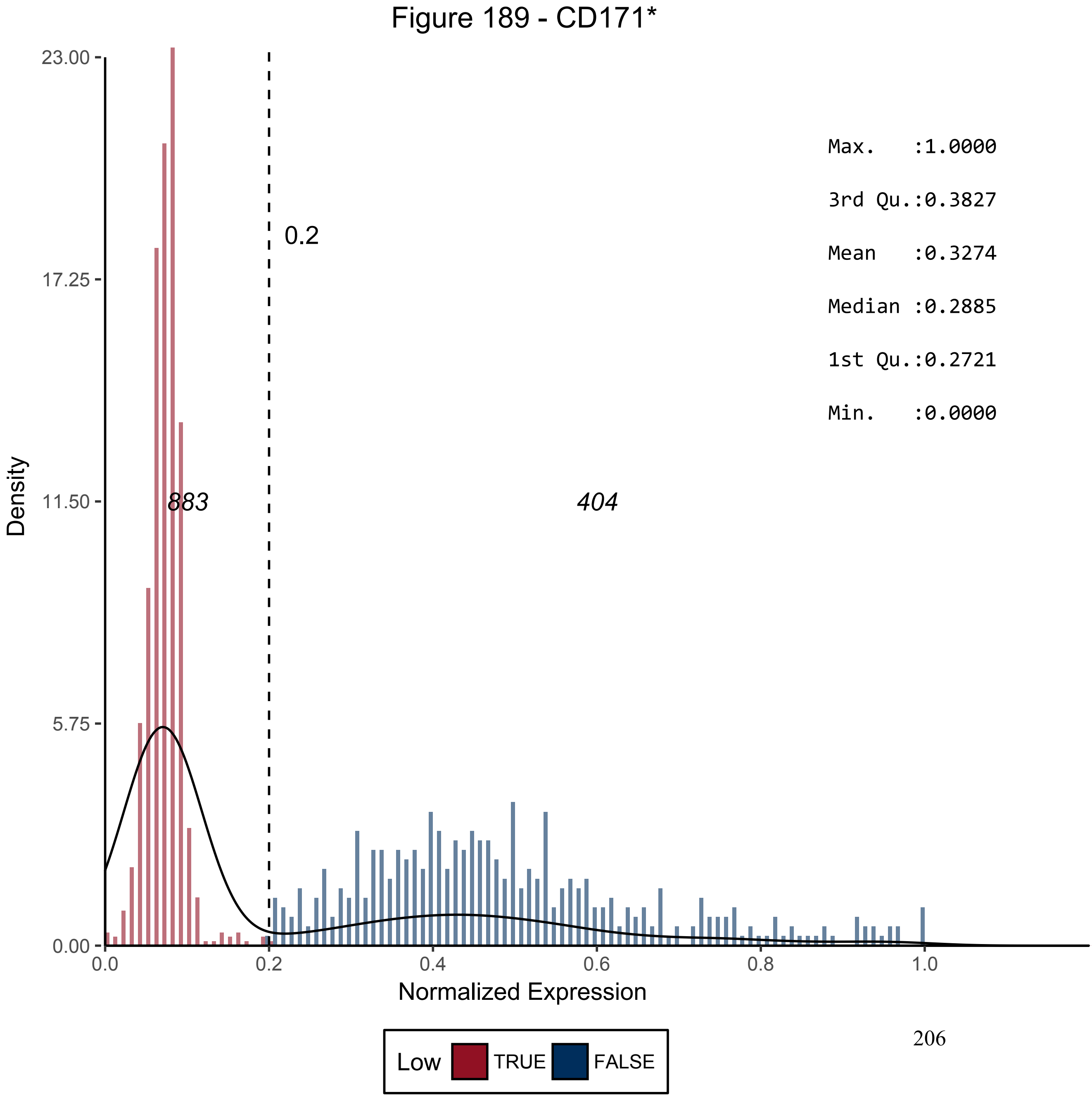


Figure 189 - CD171*
Max.   :1.0000
3rd Qu.:0.3827
Mean   :0.3274
Median :0.2885
1st Qu.:0.2721
Min.   :0.0000
0.2
883
404
Density
23.00
17.25
11.50
5.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

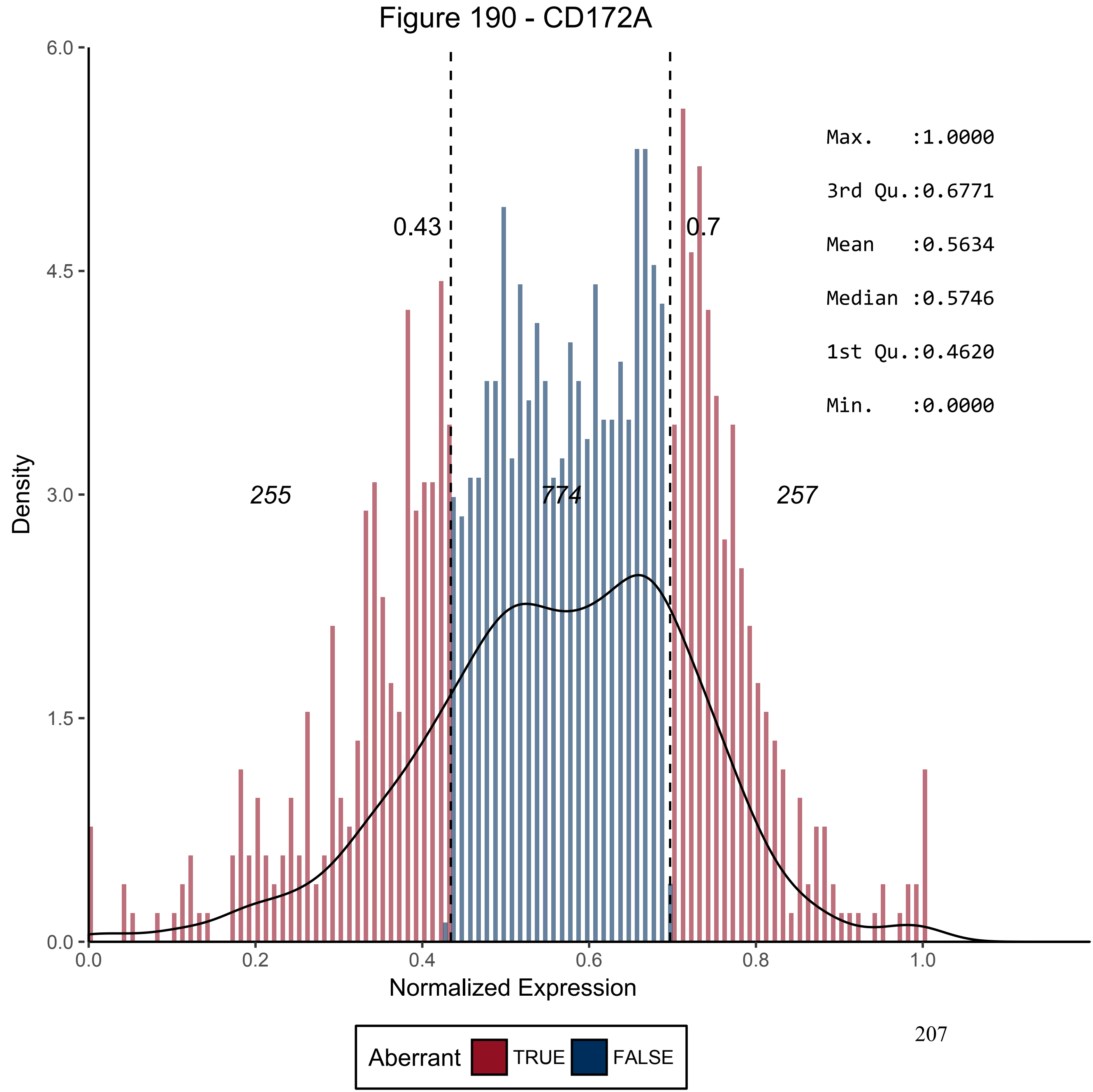


Figure 190 - CD172A
Max. :1.0000
3rd Qu.:0.6771
Mean :0.5634
Median :0.5746
1st Qu.:0.4620
Min. :0.0000
0.43
0.7
255
774
257
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

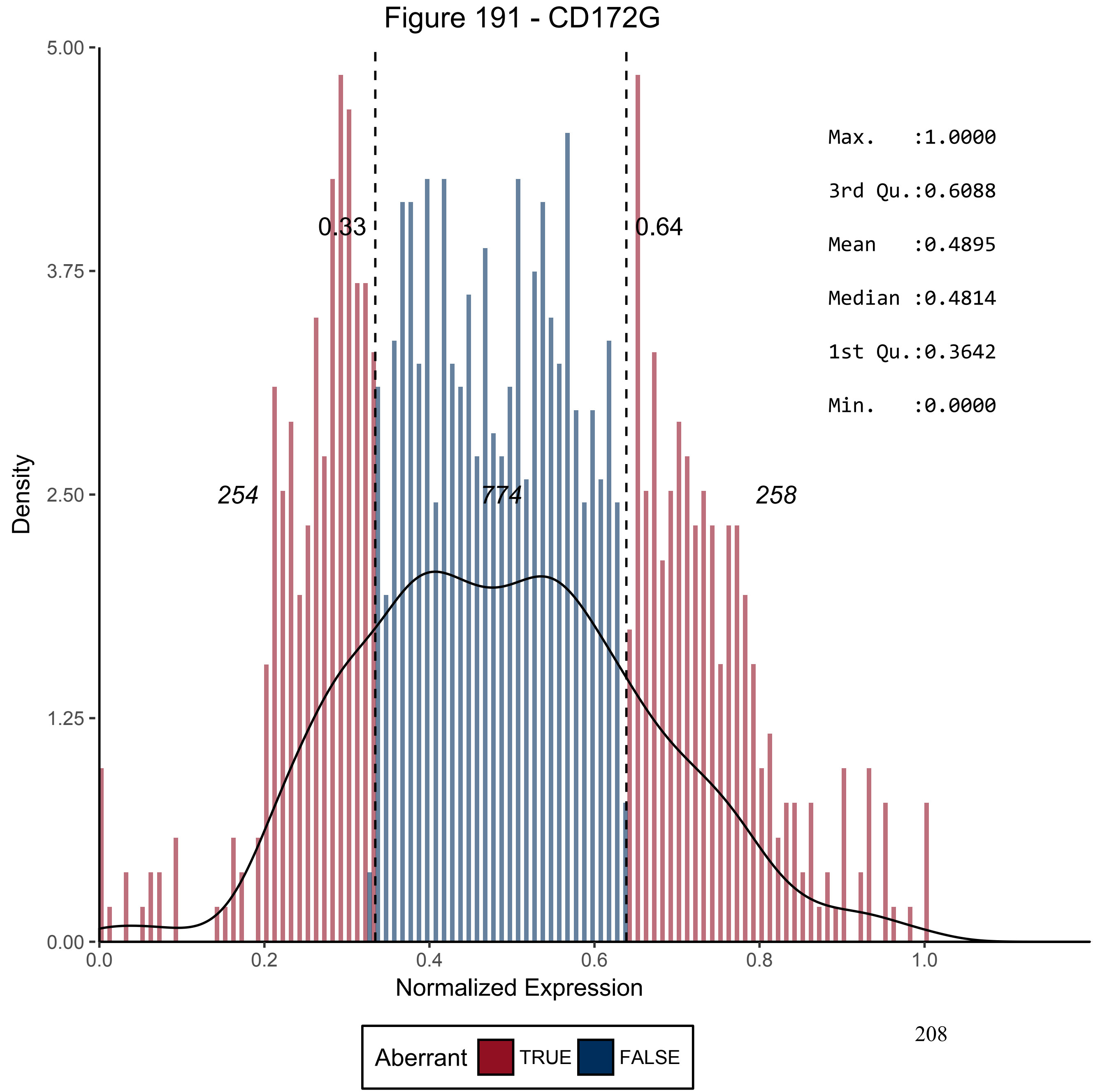


Figure 191 - CD172G
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.33
0.64
254
774
258
Max. :1.0000
3rd Qu.:0.6088
Mean :0.4895
Median :0.4814
1st Qu.:0.3642
Min. :0.0000
Aberrant
TRUE
FALSE

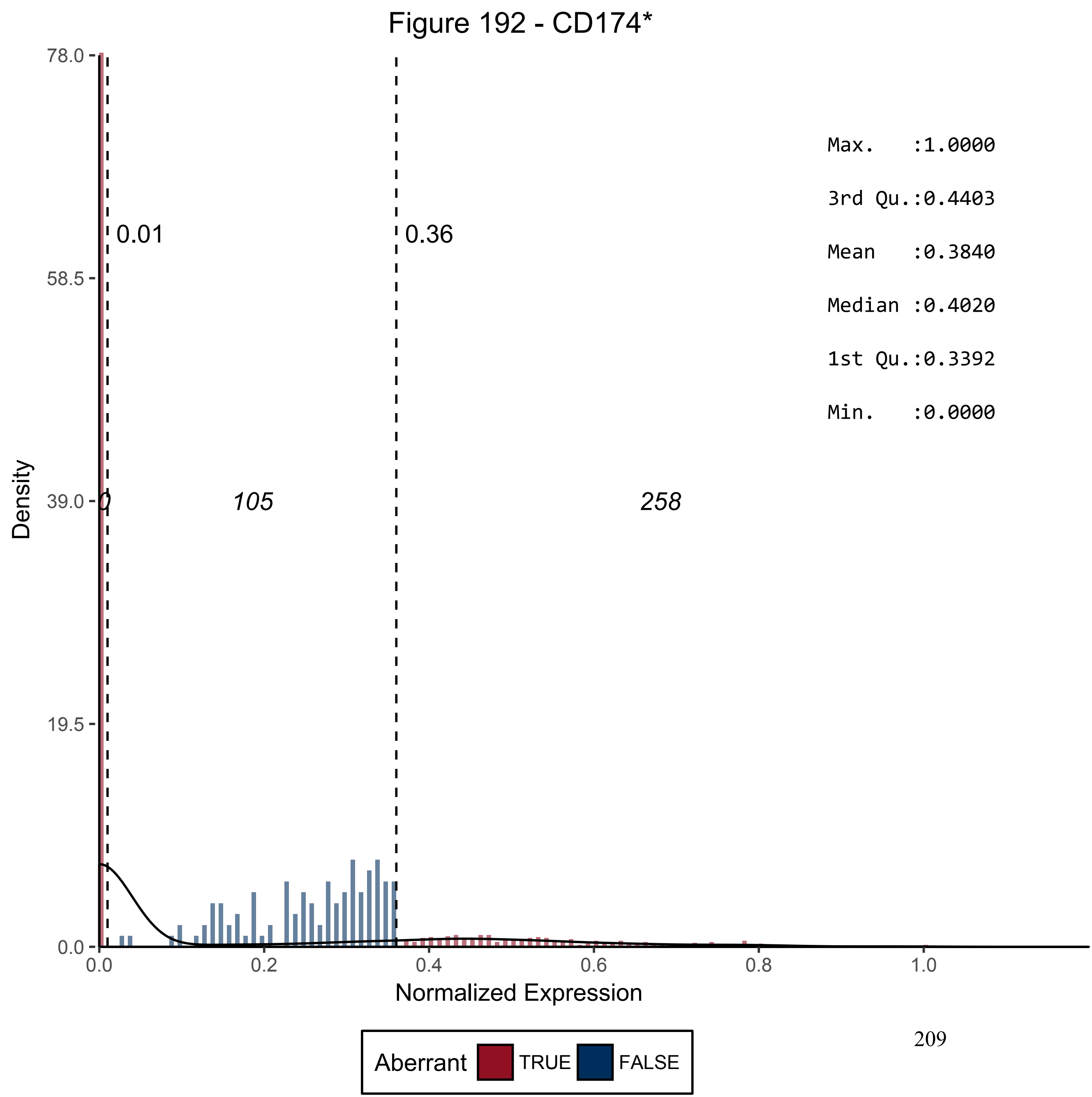
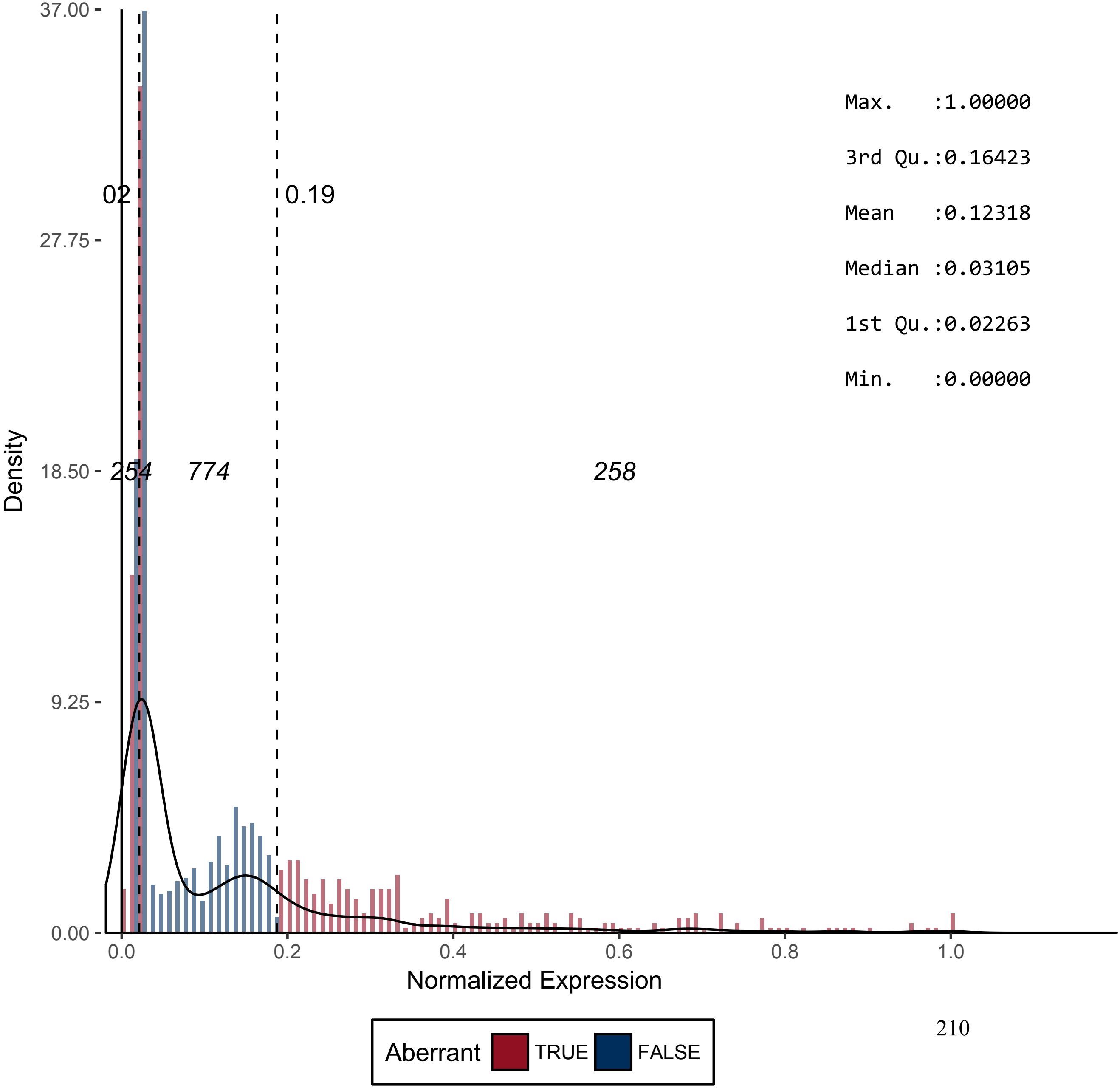


Figure 192 - CD174*
Max. :1.0000
3rd Qu.:0.4403
Mean :0.3840
Median :0.4020
1st Qu.:0.3392
Min. :0.0000
0.01
0.36
0
105
258
Density
Normalized Expression
78.0
58.5
39.0
19.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 193 - CD177



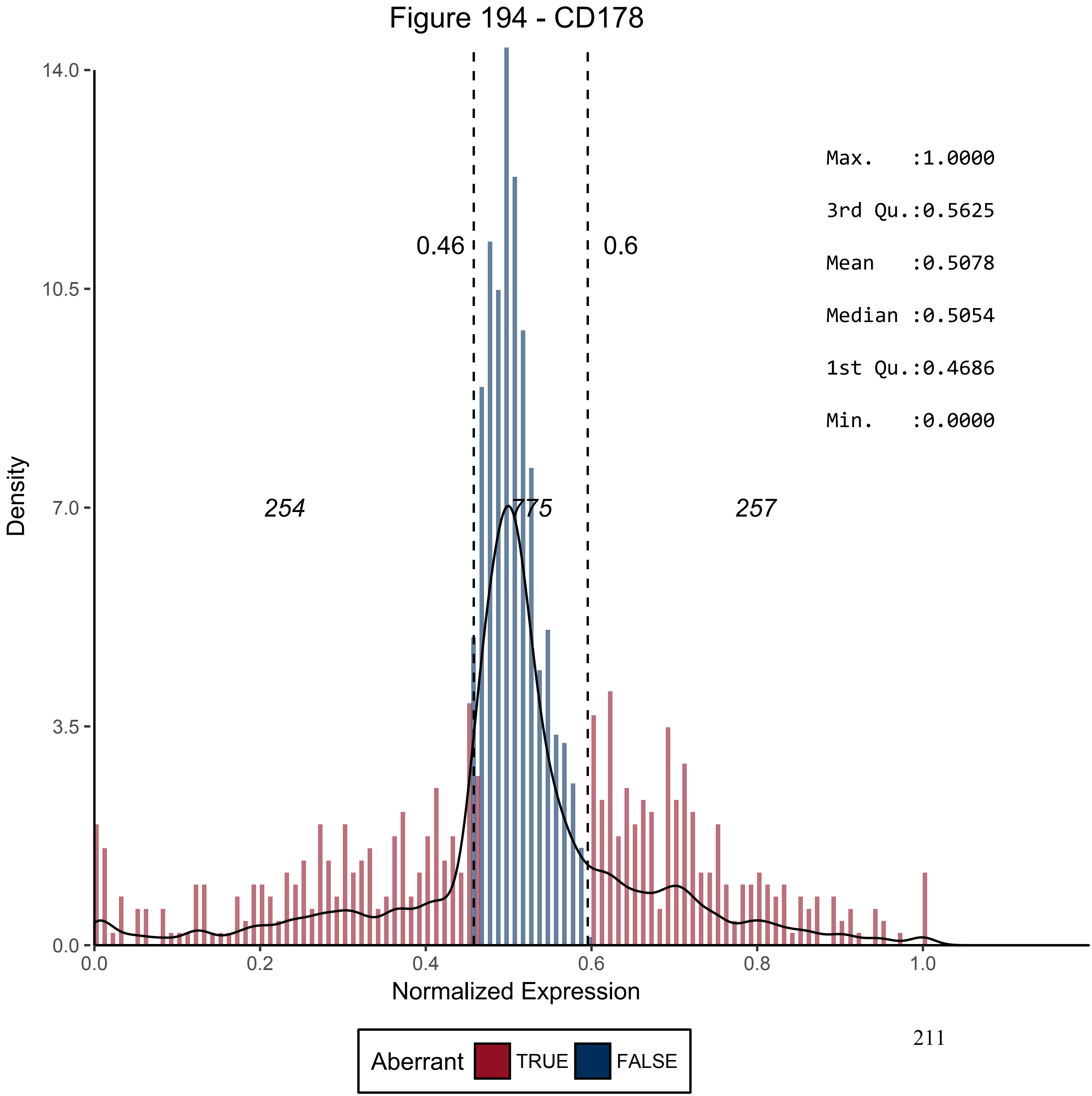


Figure 194 - CD178
Max. :1.0000
3rd Qu.:0.5625
Mean :0.5078
Median :0.5054
1st Qu.:0.4686
Min. :0.0000
0.46
0.6
254
775
257
Density
Normalized Expression
Aberrant
TRUE
FALSE

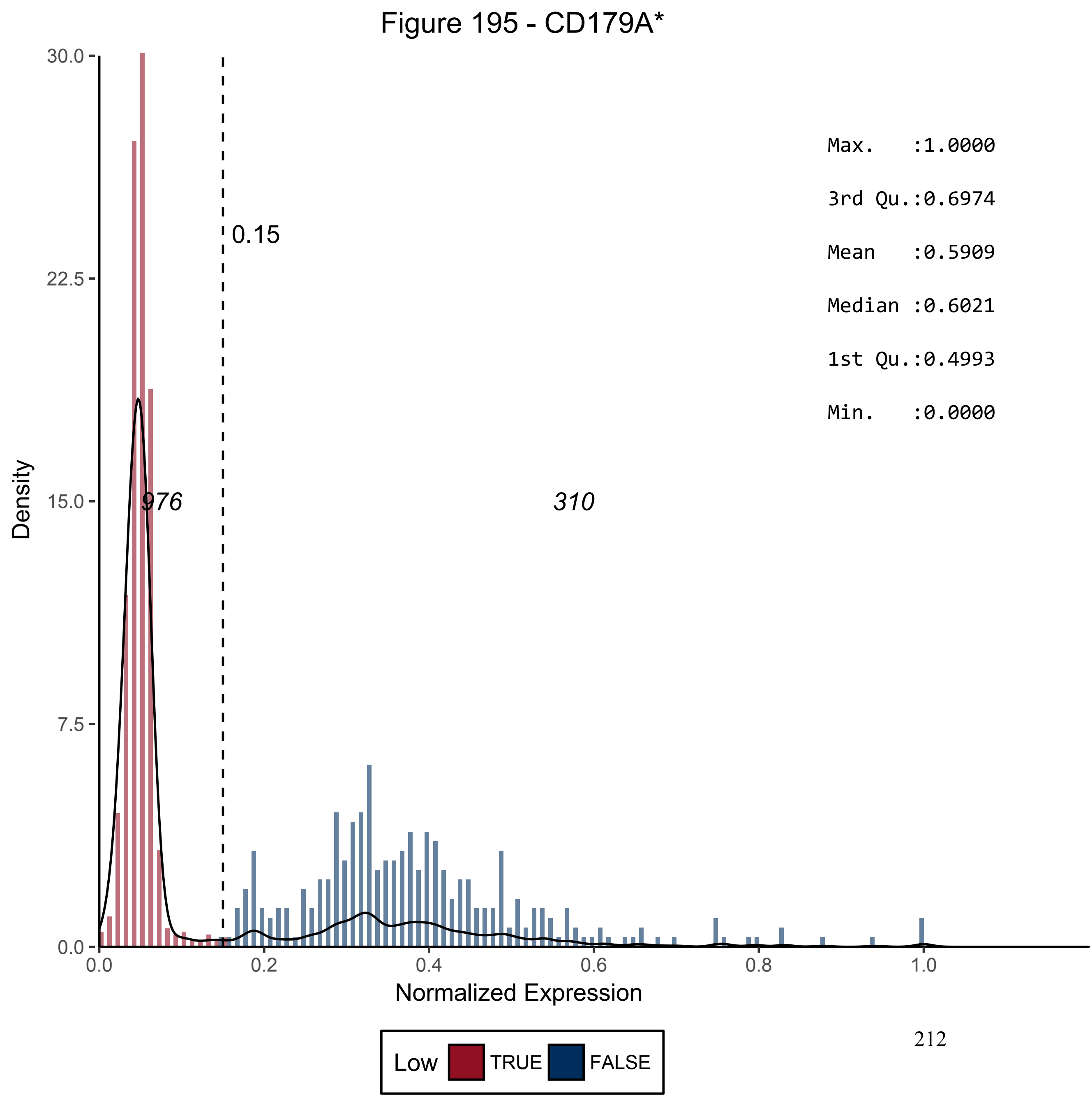


Figure 195 - CD179A*
Max. :1.0000
3rd Qu.:0.6974
Mean :0.5909
Median :0.6021
1st Qu.:0.4993
Min. :0.0000
0.15
976
310
Density
30.0
22.5
15.0
7.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

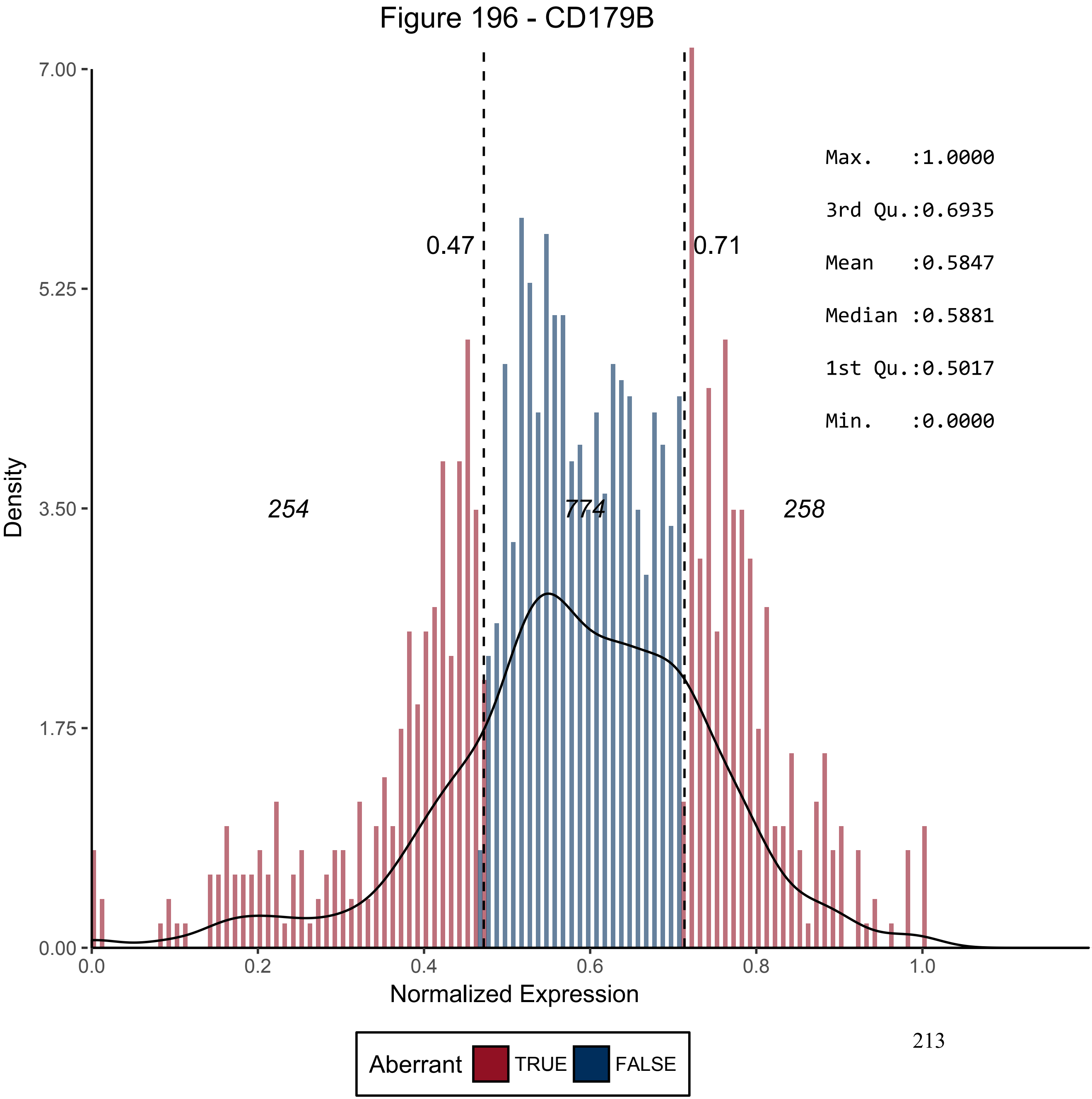


Figure 196 - CD179B
7.00
5.25
3.50
1.75
0.00
Density
0.47
0.71
254
774
258
Max. :1.0000
3rd Qu.:0.6935
Mean :0.5847
Median :0.5881
1st Qu.:0.5017
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

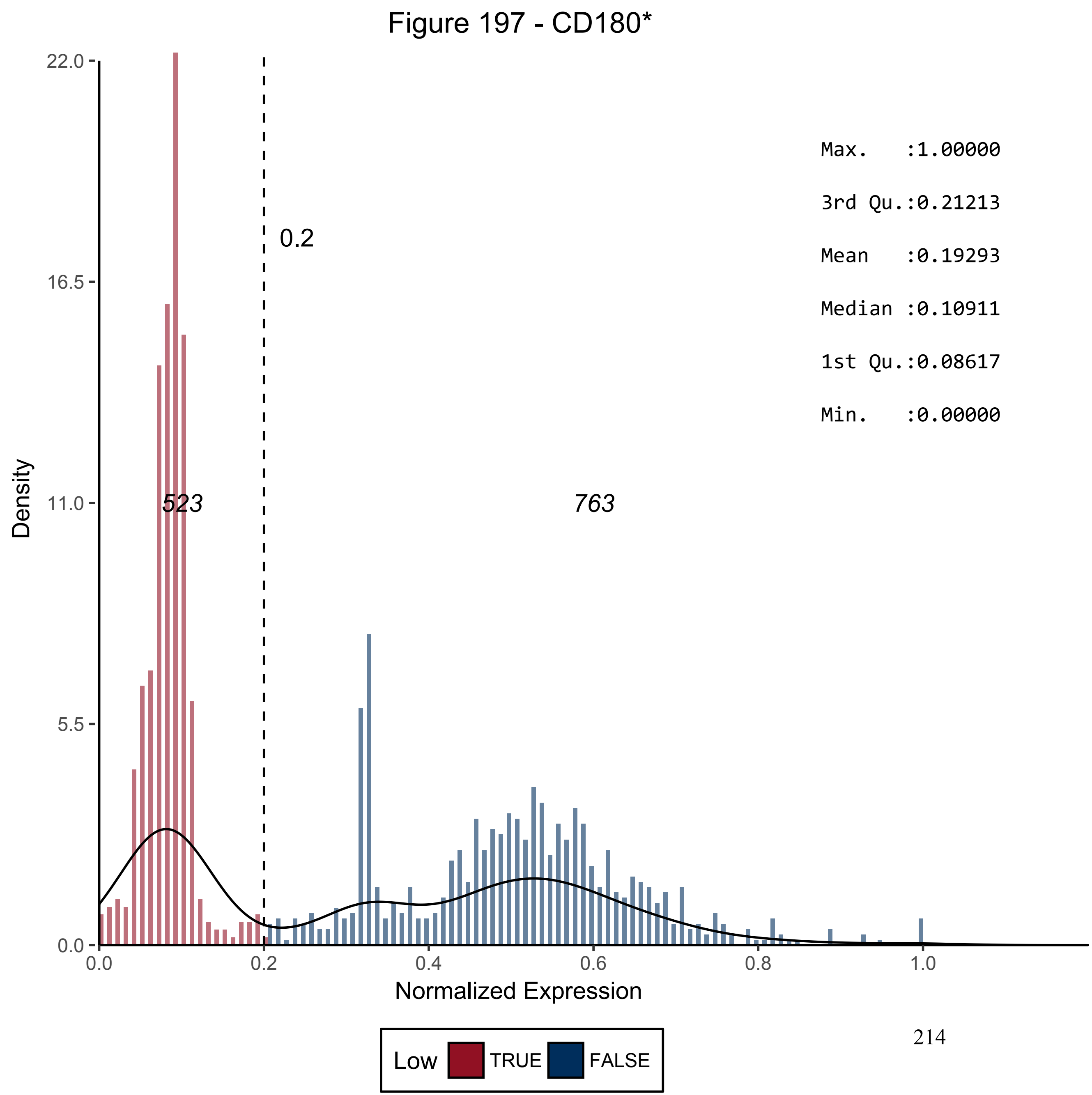


Figure 197 - CD180*
Density
22.0
16.5
11.0
5.5
0.0
0.2
523
763
Max.   :1.00000
3rd Qu.:0.21213
Mean   :0.19293
Median :0.10911
1st Qu.:0.08617
Min.   :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

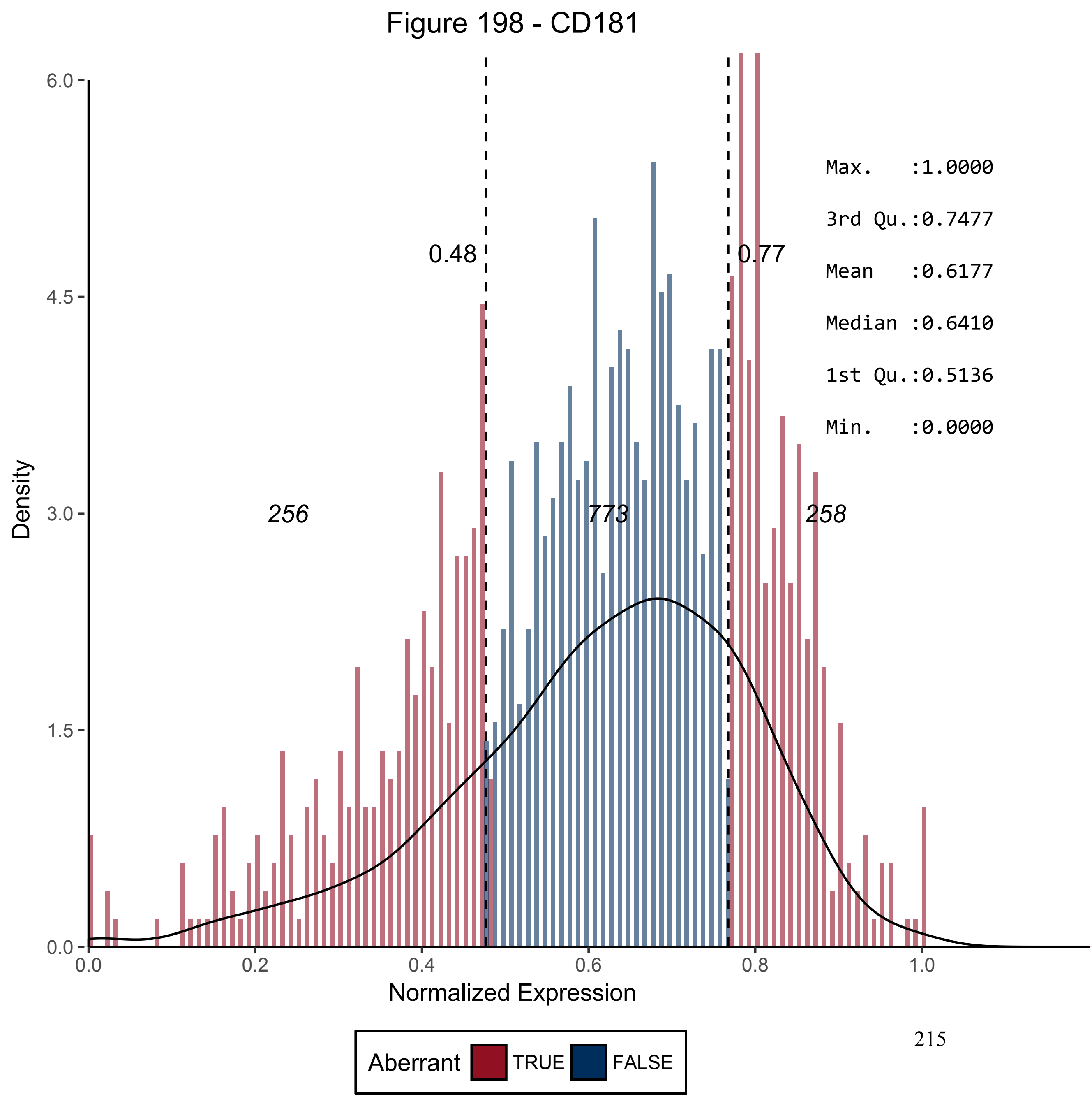


Figure 198 - CD181
Max. :1.0000
3rd Qu.:0.7477
Mean :0.6177
Median :0.6410
1st Qu.:0.5136
Min. :0.0000
0.48
0.77
256
773
258
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

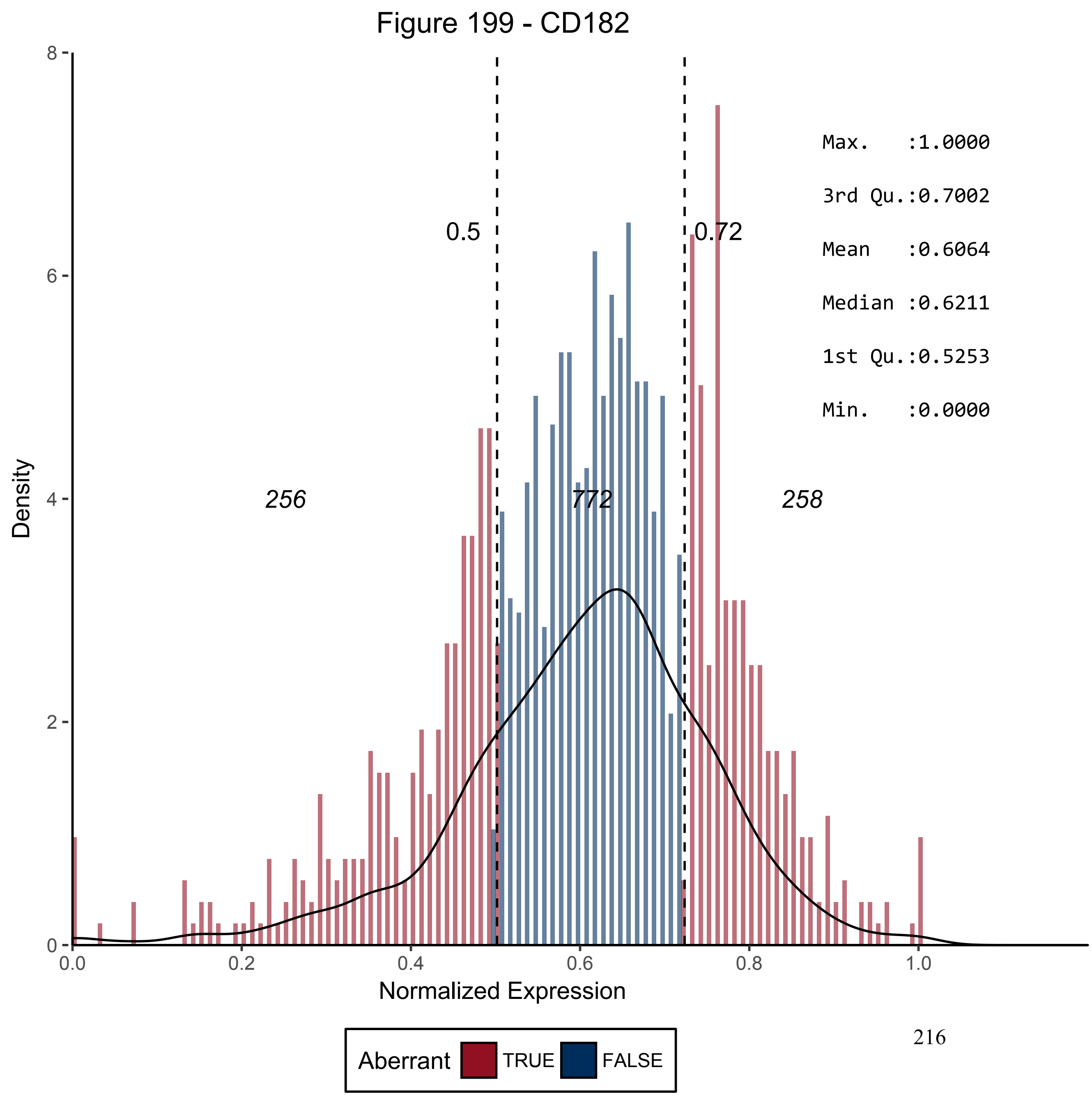


Figure 199 - CD182
Max. :1.0000
3rd Qu.:0.7002
Mean :0.6064
Median :0.6211
1st Qu.:0.5253
Min. :0.0000
0.5
0.72
256
772
258
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
2
4
6
8
Aberrant
TRUE
FALSE

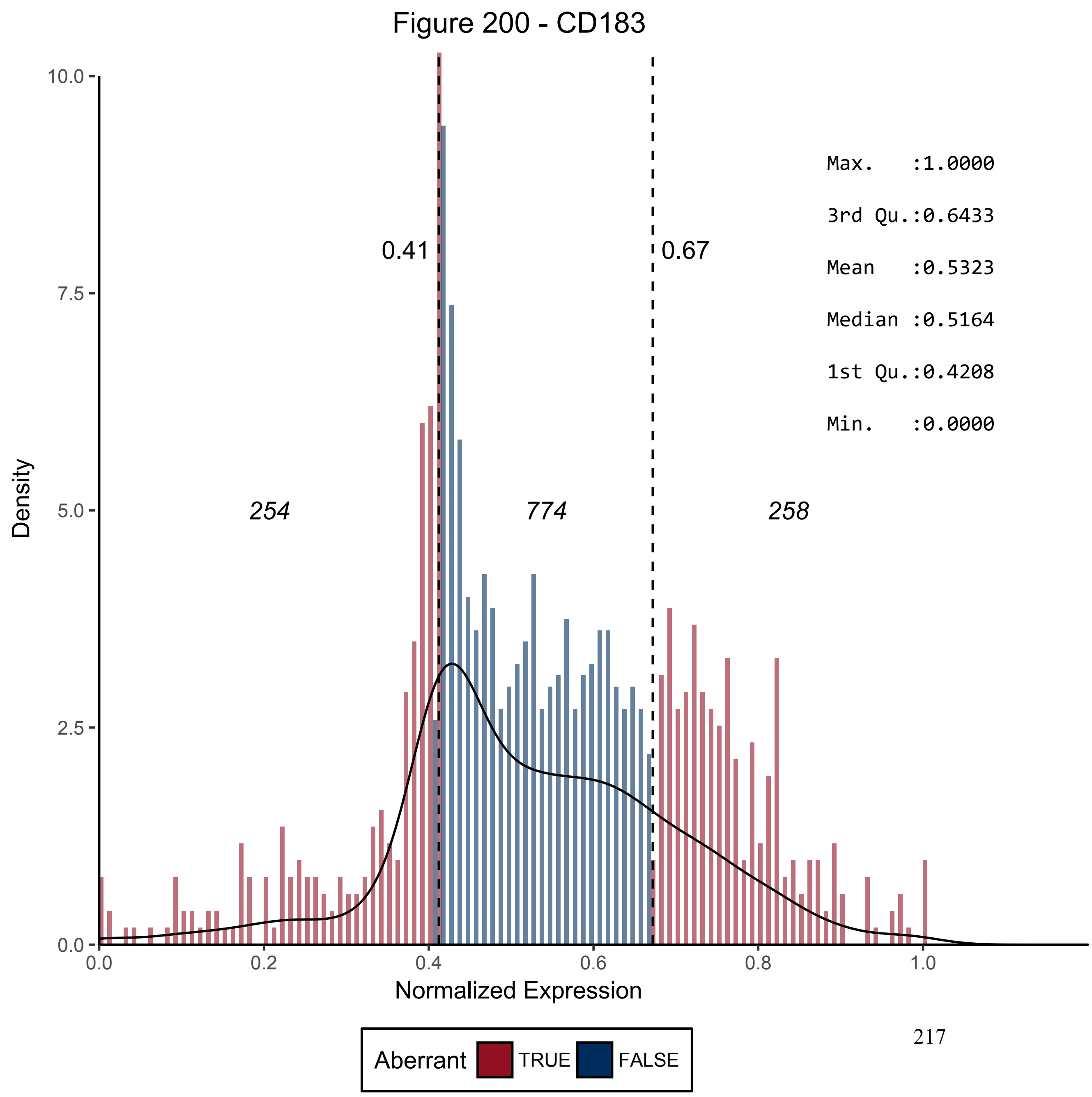


Figure 200 - CD183
Max. :1.0000
3rd Qu.:0.6433
Mean :0.5323
Median :0.5164
1st Qu.:0.4208
Min. :0.0000
0.41
0.67
254
774
258
Density
Normalized Expression
10.0
7.5
5.0
2.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

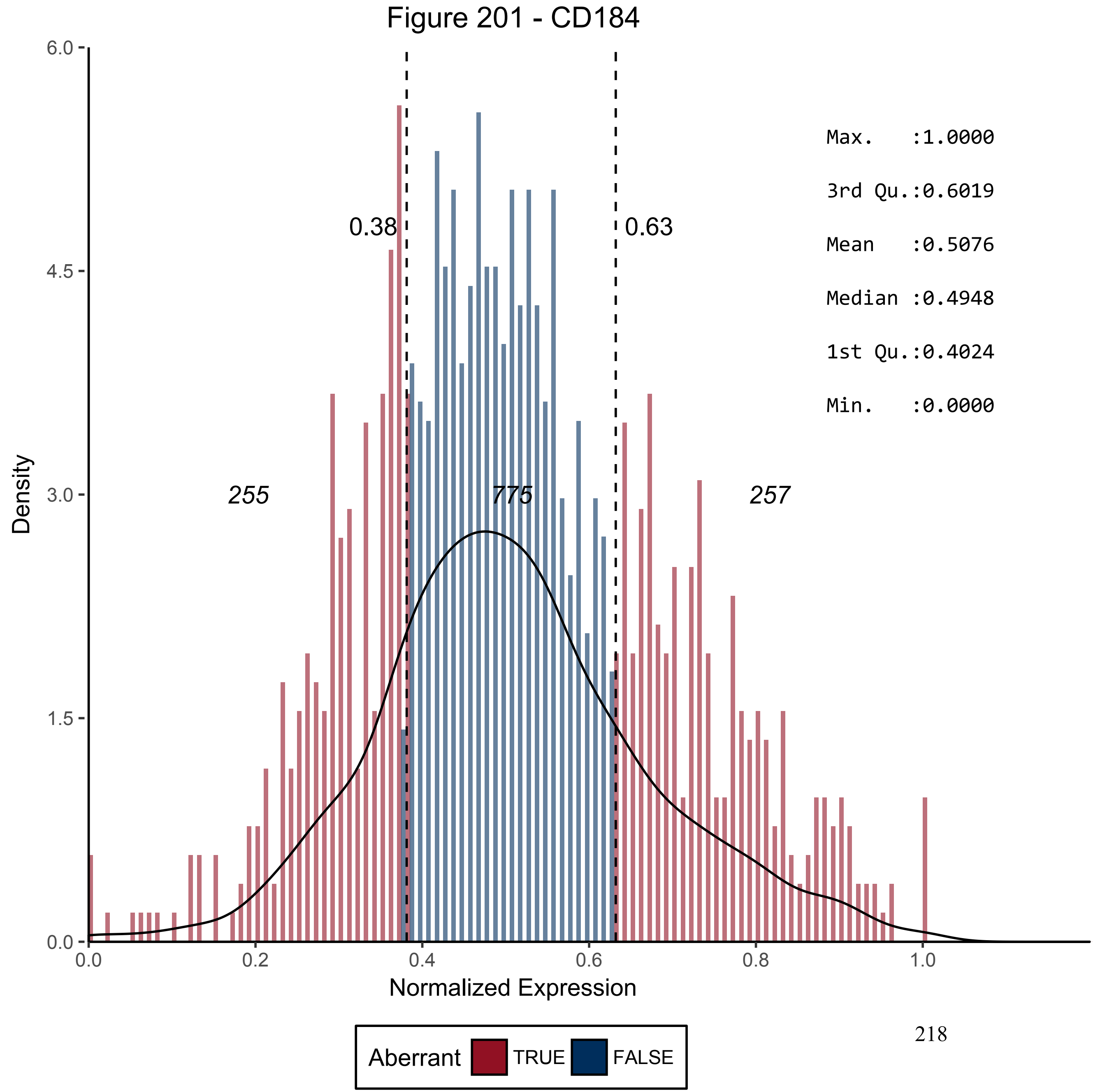


Figure 201 - CD184
Max. :1.0000
3rd Qu.:0.6019
Mean :0.5076
Median :0.4948
1st Qu.:0.4024
Min. :0.0000
0.38
0.63
255
775
257
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

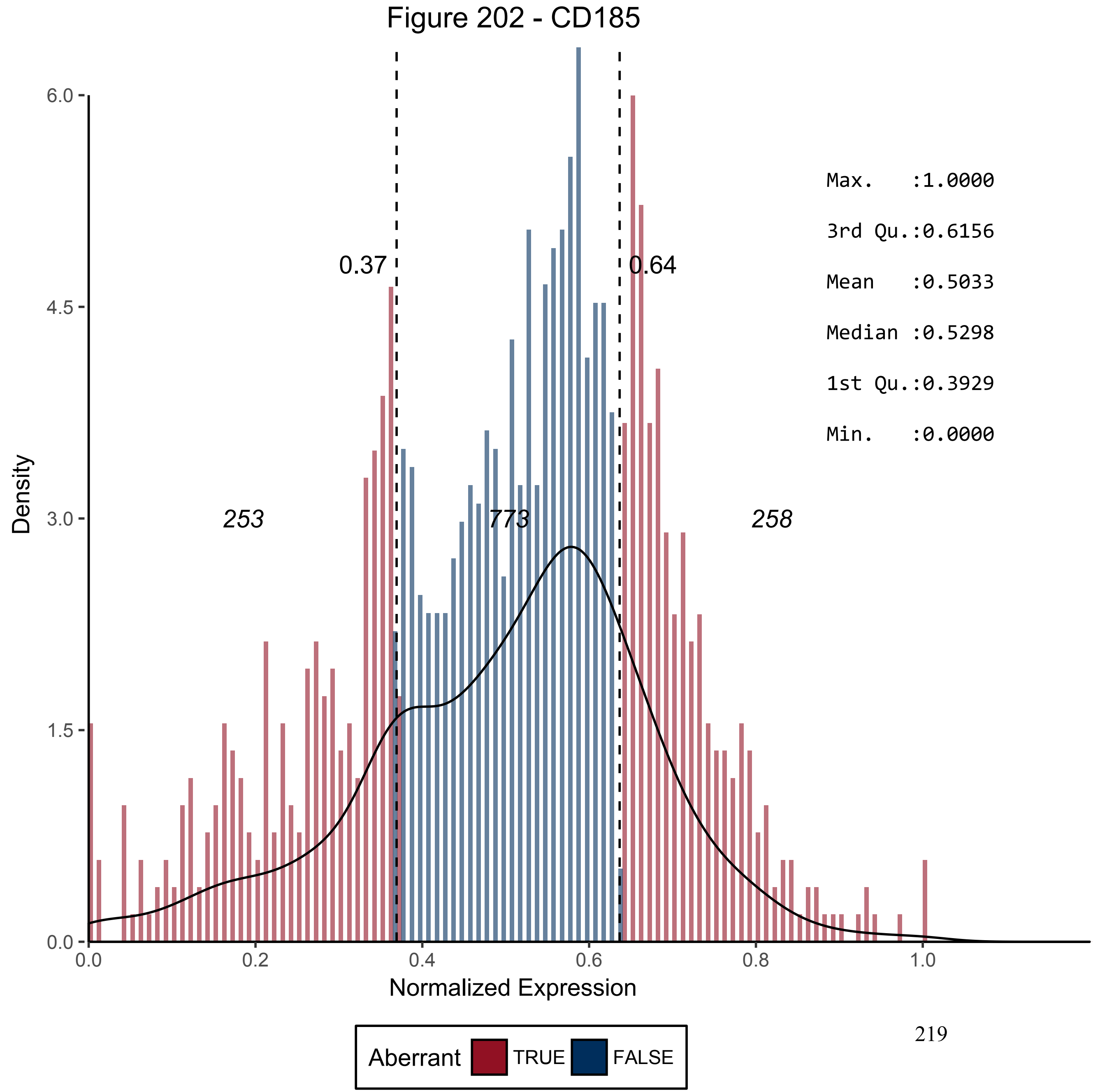


Figure 202 - CD185
0.37
0.64
Max. :1.0000
3rd Qu.:0.6156
Mean :0.5033
Median :0.5298
1st Qu.:0.3929
Min. :0.0000
253
773
258
Density
6.0
4.5
3.0
1.5
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

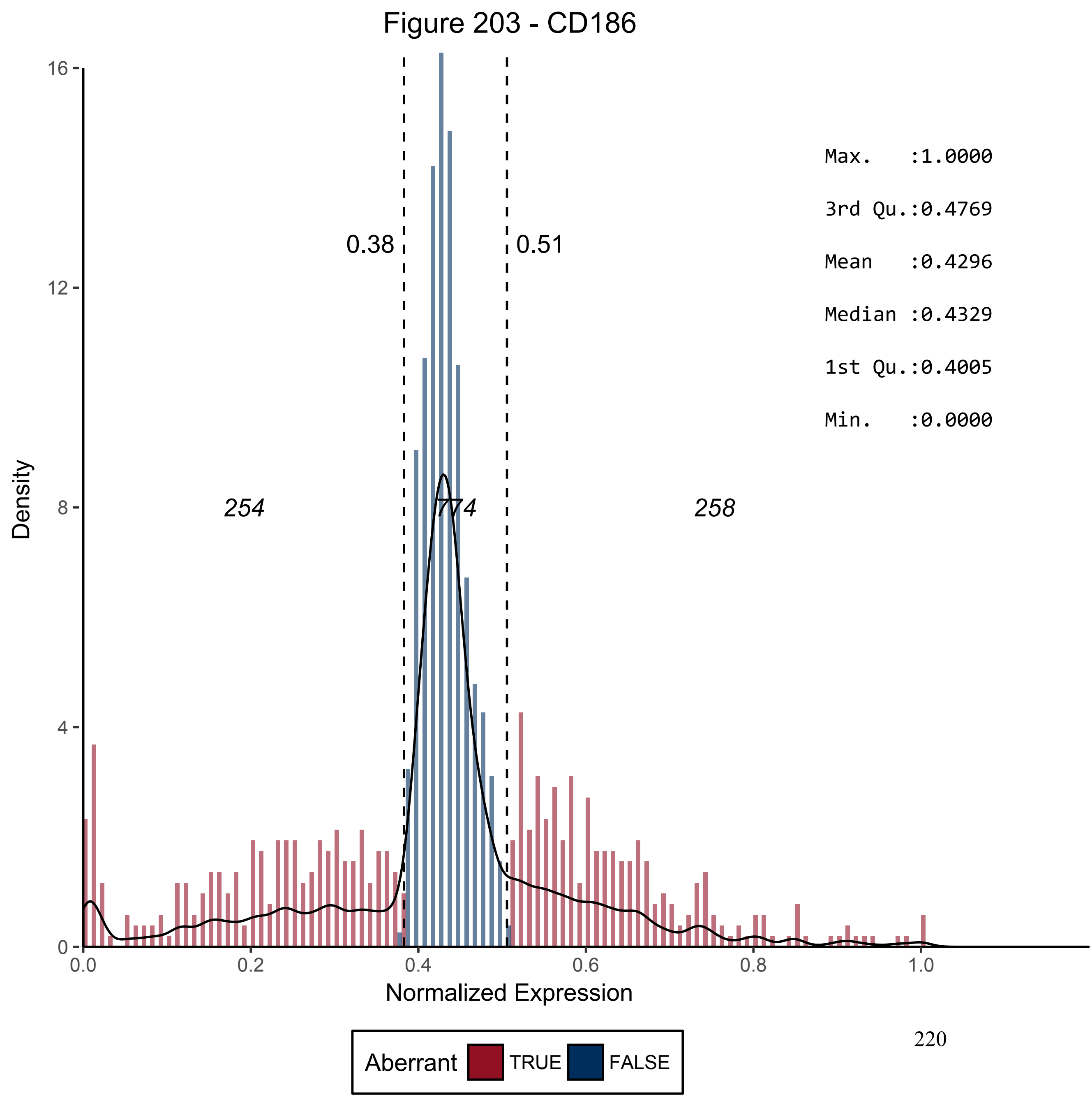


Figure 203 - CD186
Max. :1.0000
3rd Qu.:0.4769
Mean :0.4296
Median :0.4329
1st Qu.:0.4005
Min. :0.0000
0.38
0.51
254
774
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

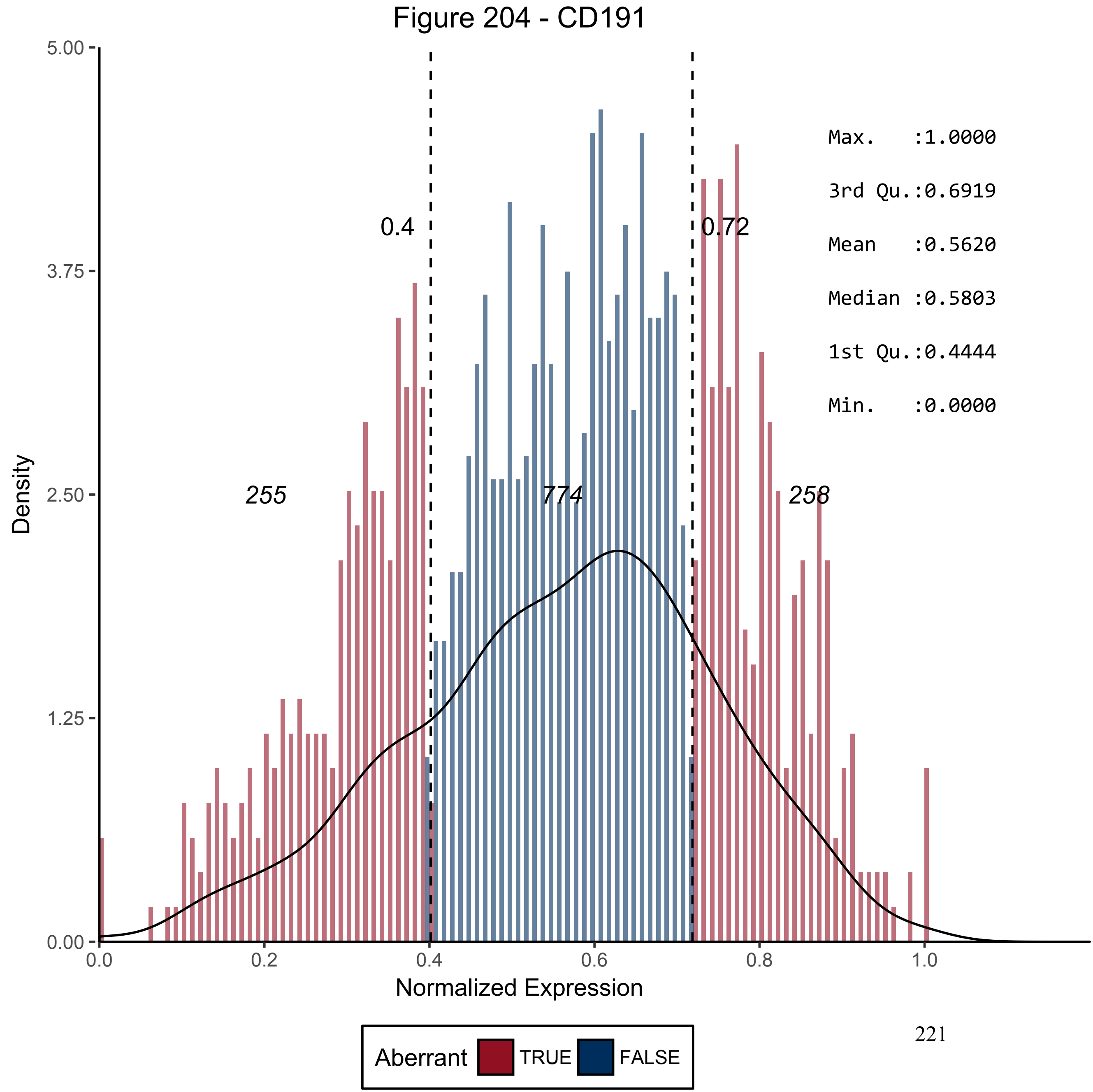


Figure 204 - CD191
Density
Normalized Expression
0.00
1.25
2.50
3.75
5.00
0.0
0.2
0.4
0.6
0.8
1.0
0.4
0.72
255
774
258
Max.   :1.0000
3rd Qu.:0.6919
Mean   :0.5620
Median :0.5803
1st Qu.:0.4444
Min.   :0.0000
Aberrant
TRUE
FALSE

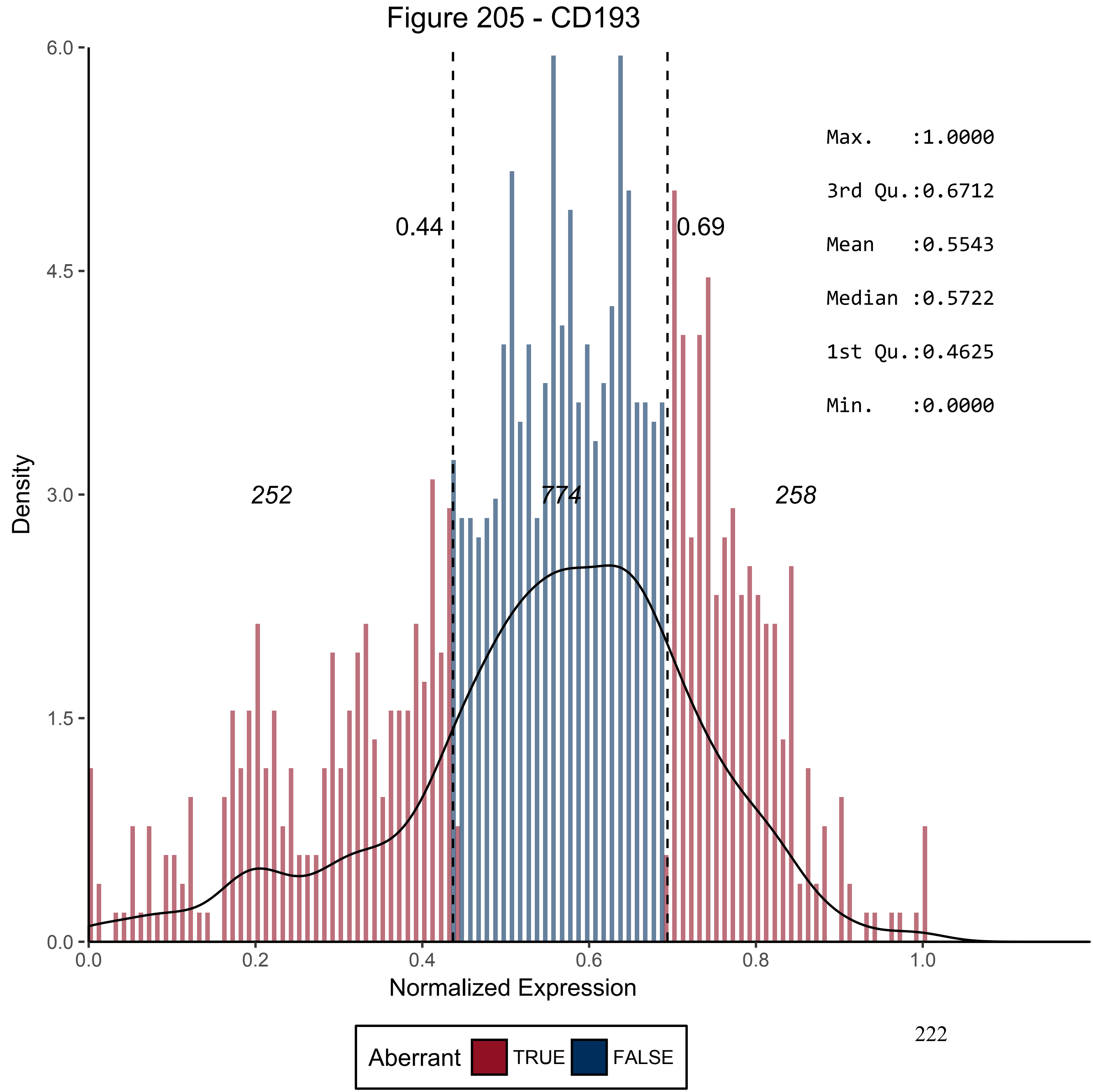


Figure 205 - CD193
Max. :1.0000
3rd Qu.:0.6712
Mean :0.5543
Median :0.5722
1st Qu.:0.4625
Min. :0.0000
0.44
0.69
252
774
258
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

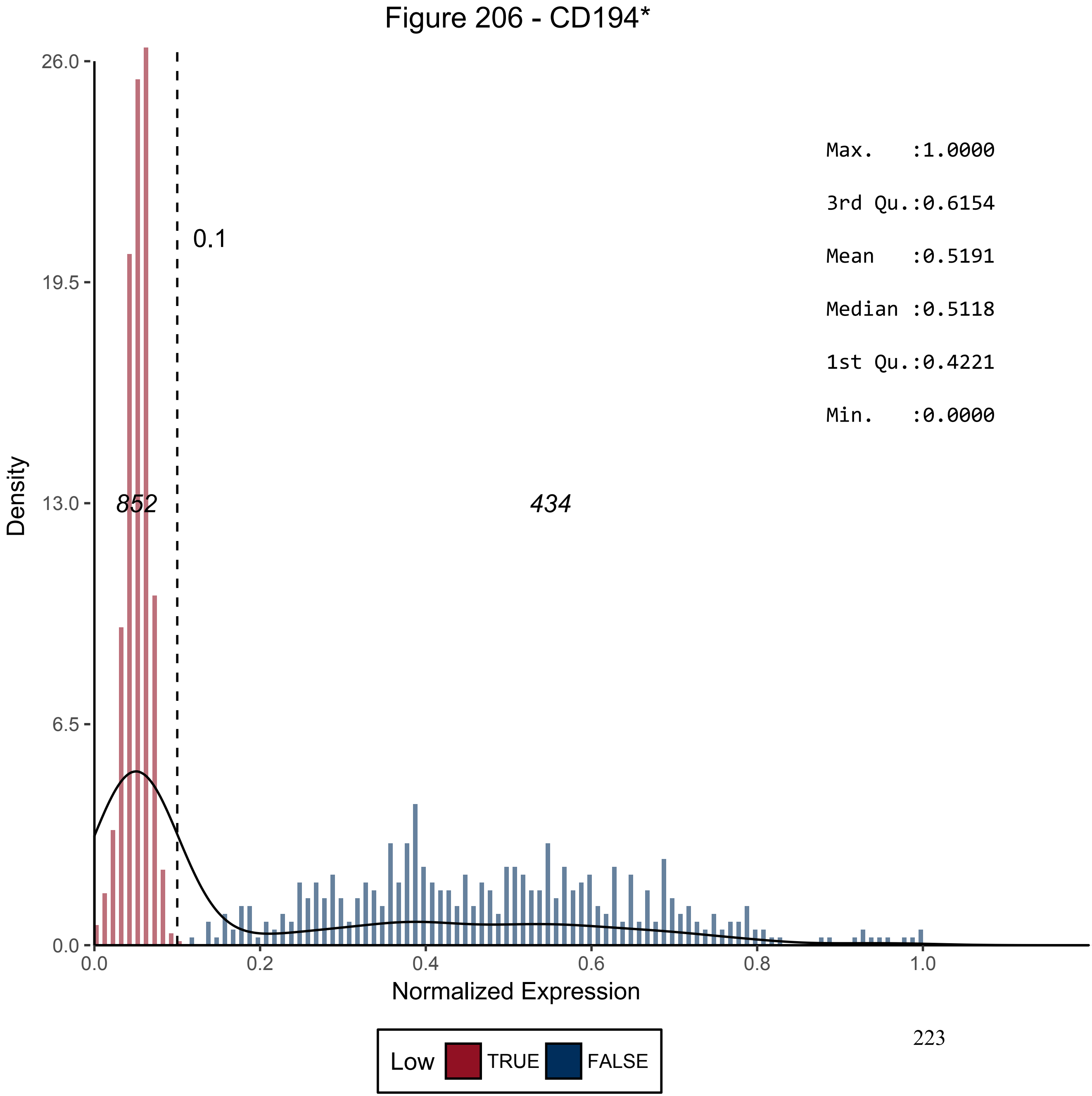


Figure 206 - CD194*
26.0
19.5
13.0
6.5
0.0
Density
0.1
852
434
Max.   :1.0000
3rd Qu.:0.6154
Mean   :0.5191
Median :0.5118
1st Qu.:0.4221
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

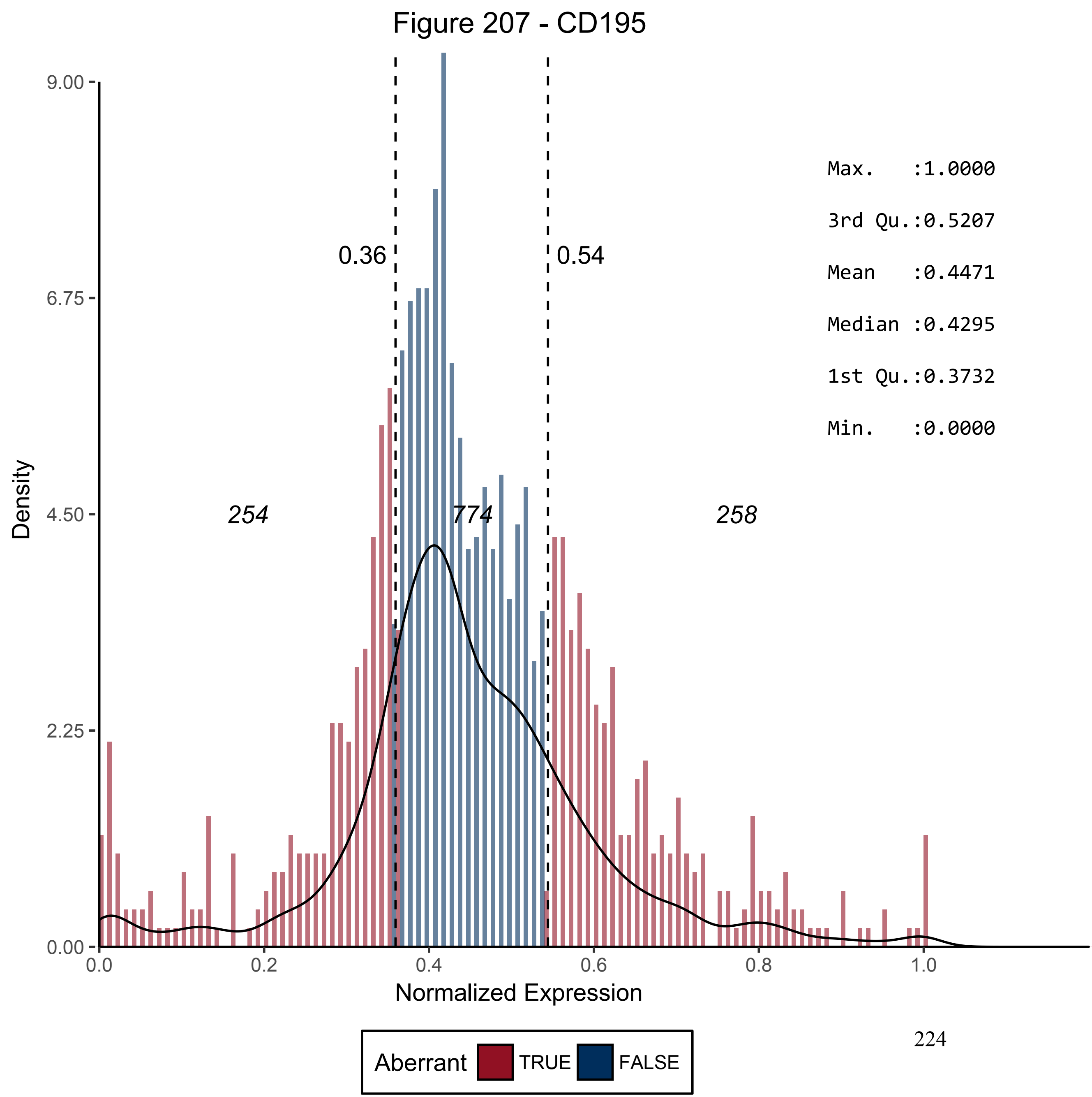
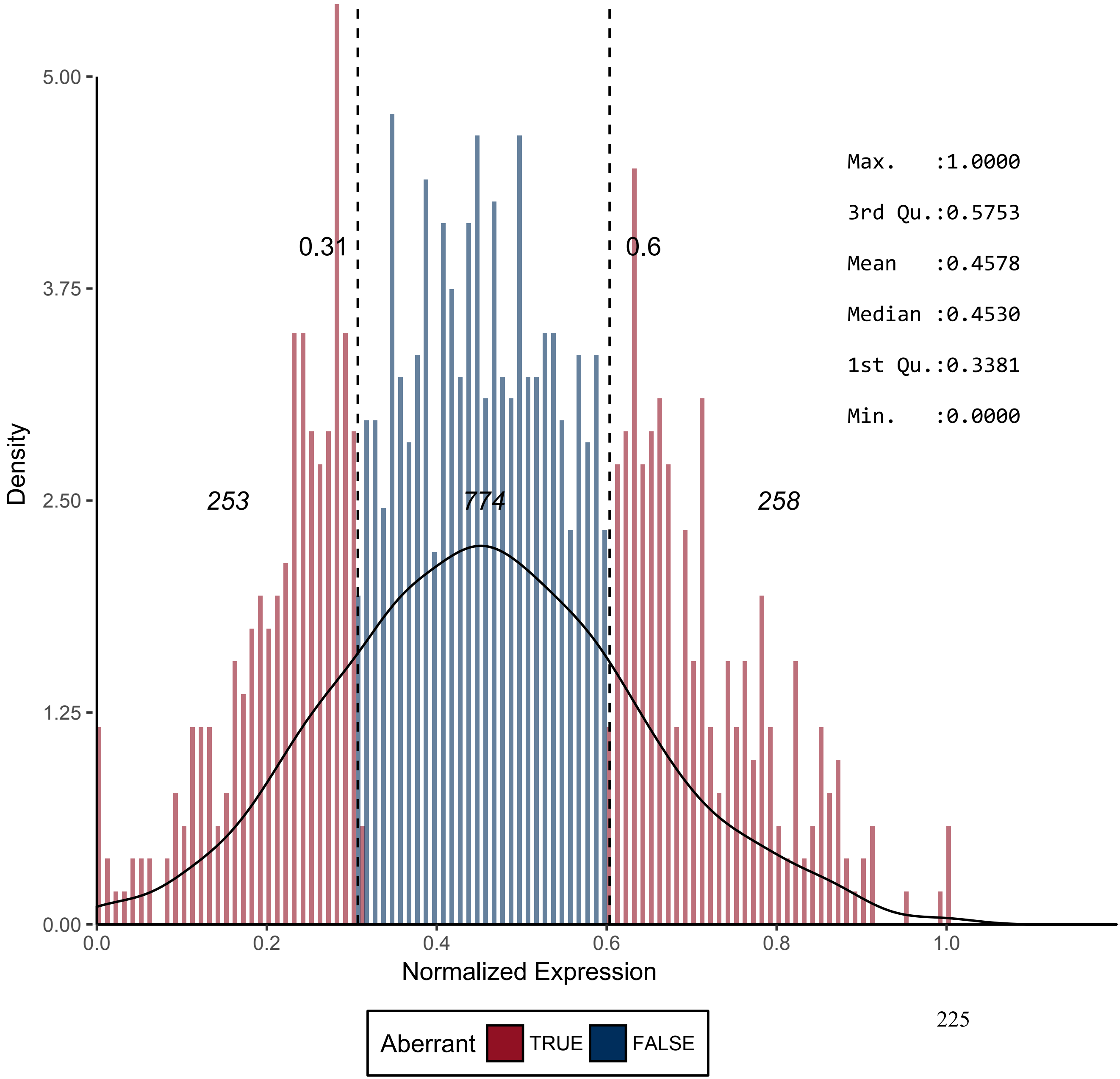


Figure 207 - CD195
9.00
6.75
4.50
2.25
0.00
Density
0.36
0.54
254
774
258
Max.   :1.0000
3rd Qu.:0.5207
Mean   :0.4471
Median :0.4295
1st Qu.:0.3732
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 208 - CD196



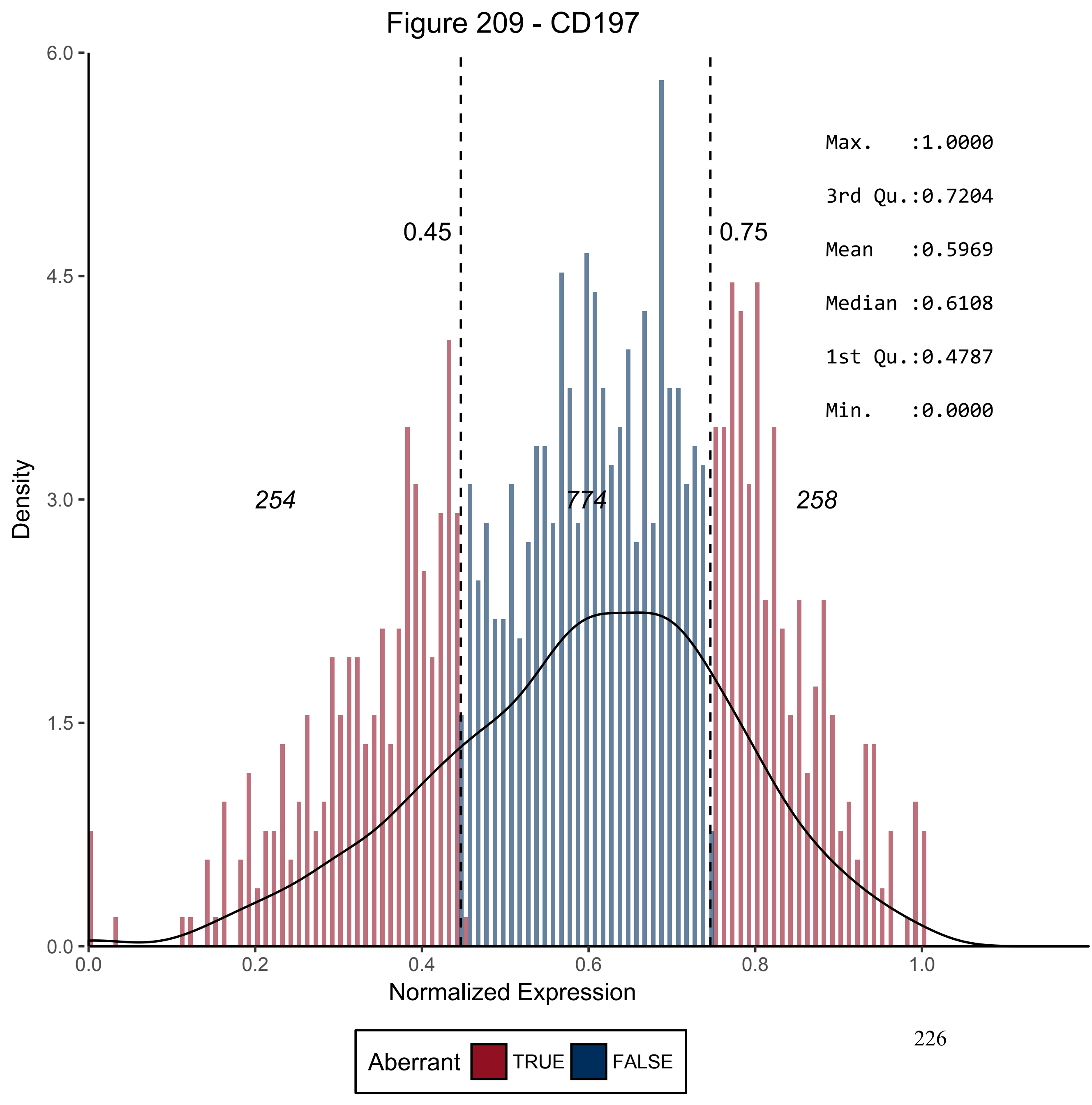


Figure 209 - CD197
Density
Normalized Expression
0.45
0.75
254
774
258
Max. :1.0000
3rd Qu.:0.7204
Mean :0.5969
Median :0.6108
1st Qu.:0.4787
Min. :0.0000
0.0
1.5
3.0
4.5
6.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

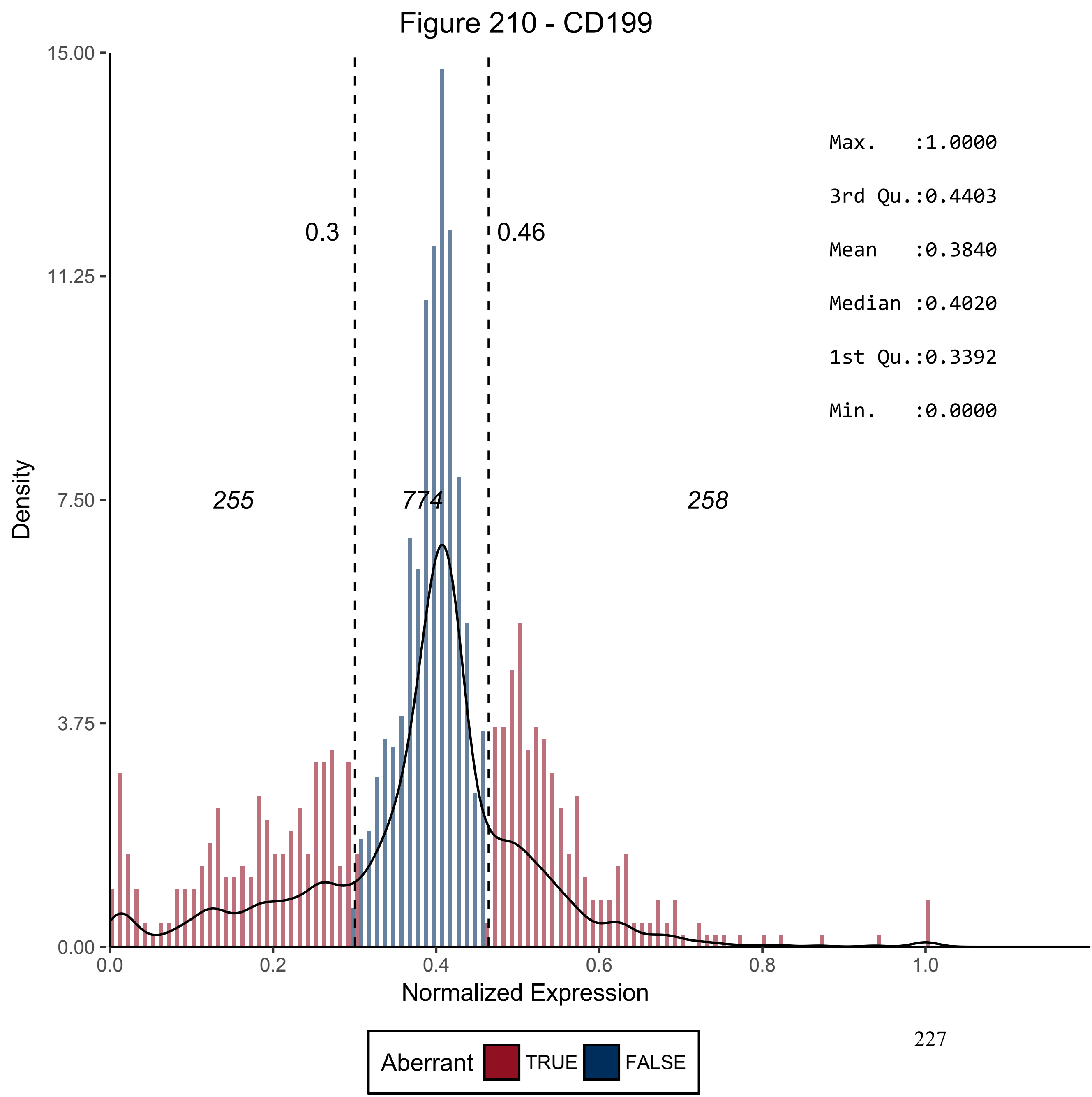


Figure 210 - CD199
15.00
11.25
7.50
3.75
0.00
Density
0.3
0.46
255
774
258
Max.   :1.0000
3rd Qu.:0.4403
Mean   :0.3840
Median :0.4020
1st Qu.:0.3392
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

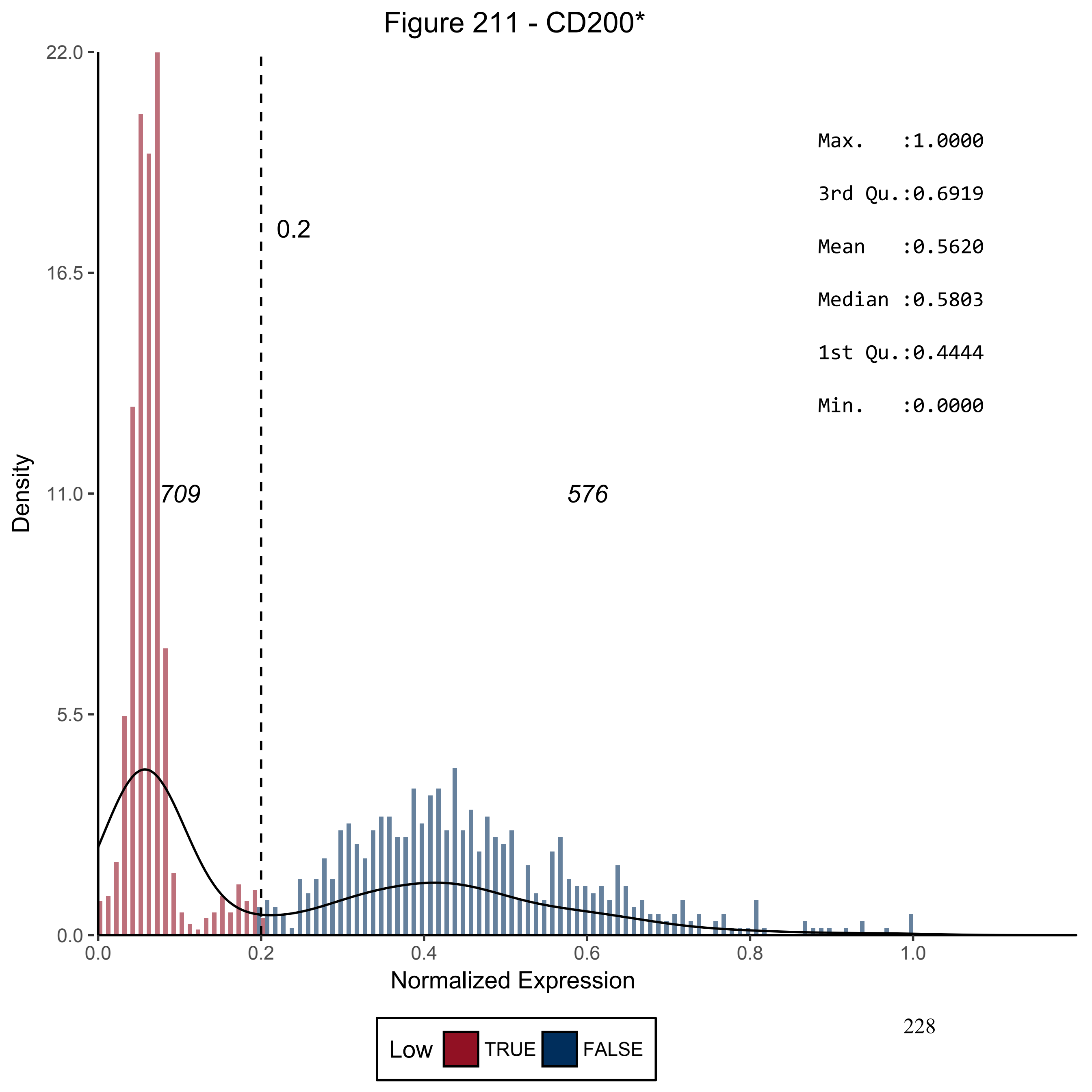
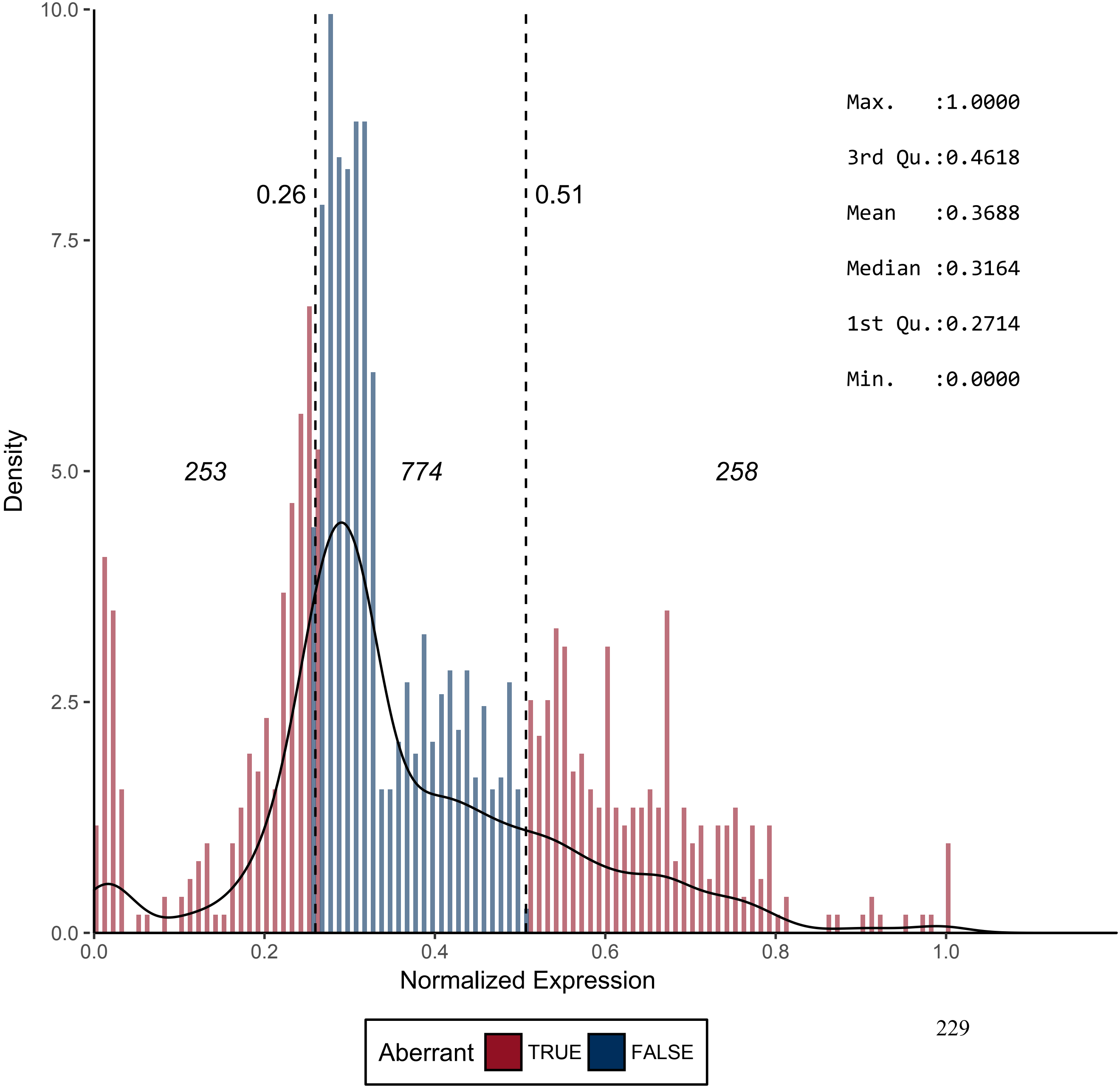


Figure 211 - CD200*
Max.   :1.0000
3rd Qu.:0.6919
Mean   :0.5620
Median :0.5803
1st Qu.:0.4444
Min.   :0.0000
0.2
709
576
Density
22.0
16.5
11.0
5.5
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

Figure 212 - CD201



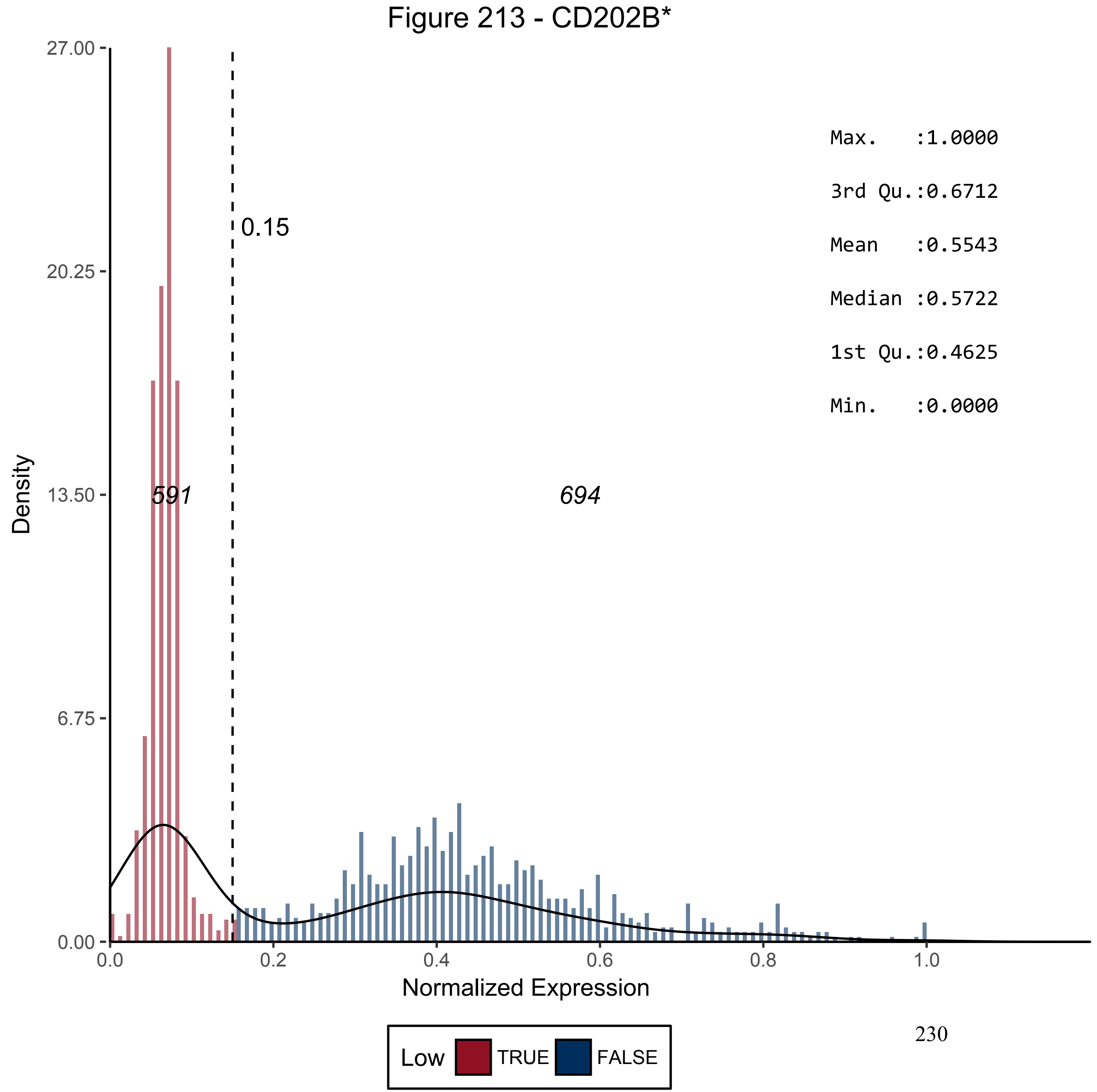


Figure 213 - CD202B*
Max. :1.0000
3rd Qu.:0.6712
Mean :0.5543
Median :0.5722
1st Qu.:0.4625
Min. :0.0000
0.15
591
694
Density
27.00
20.25
13.50
6.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

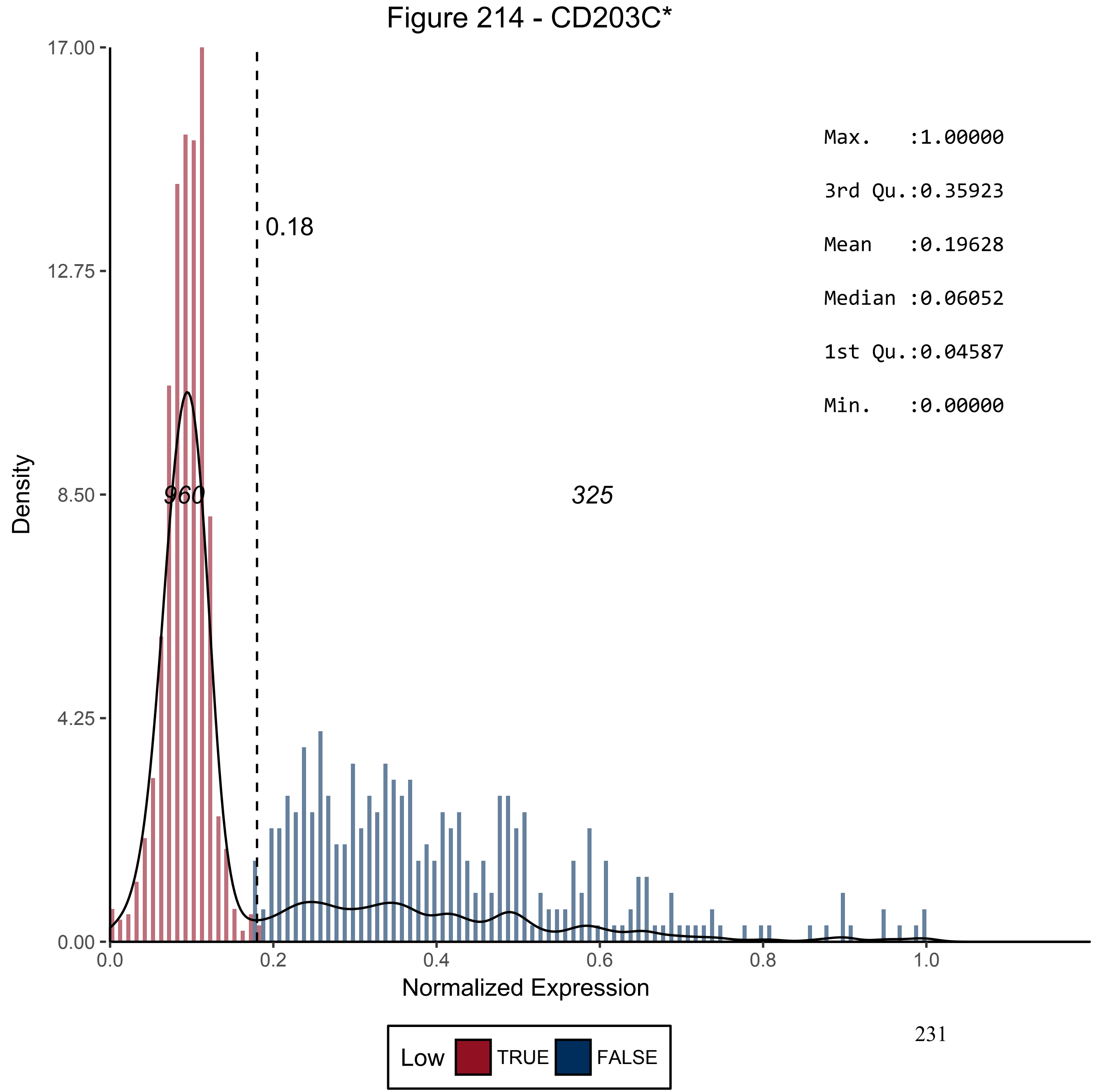


Figure 214 - CD203C*
17.00
12.75
8.50
4.25
0.00
Density
0.18
960
325
Max. :1.00000
3rd Qu.:0.35923
Mean :0.19628
Median :0.06052
1st Qu.:0.04587
Min. :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low TRUE FALSE

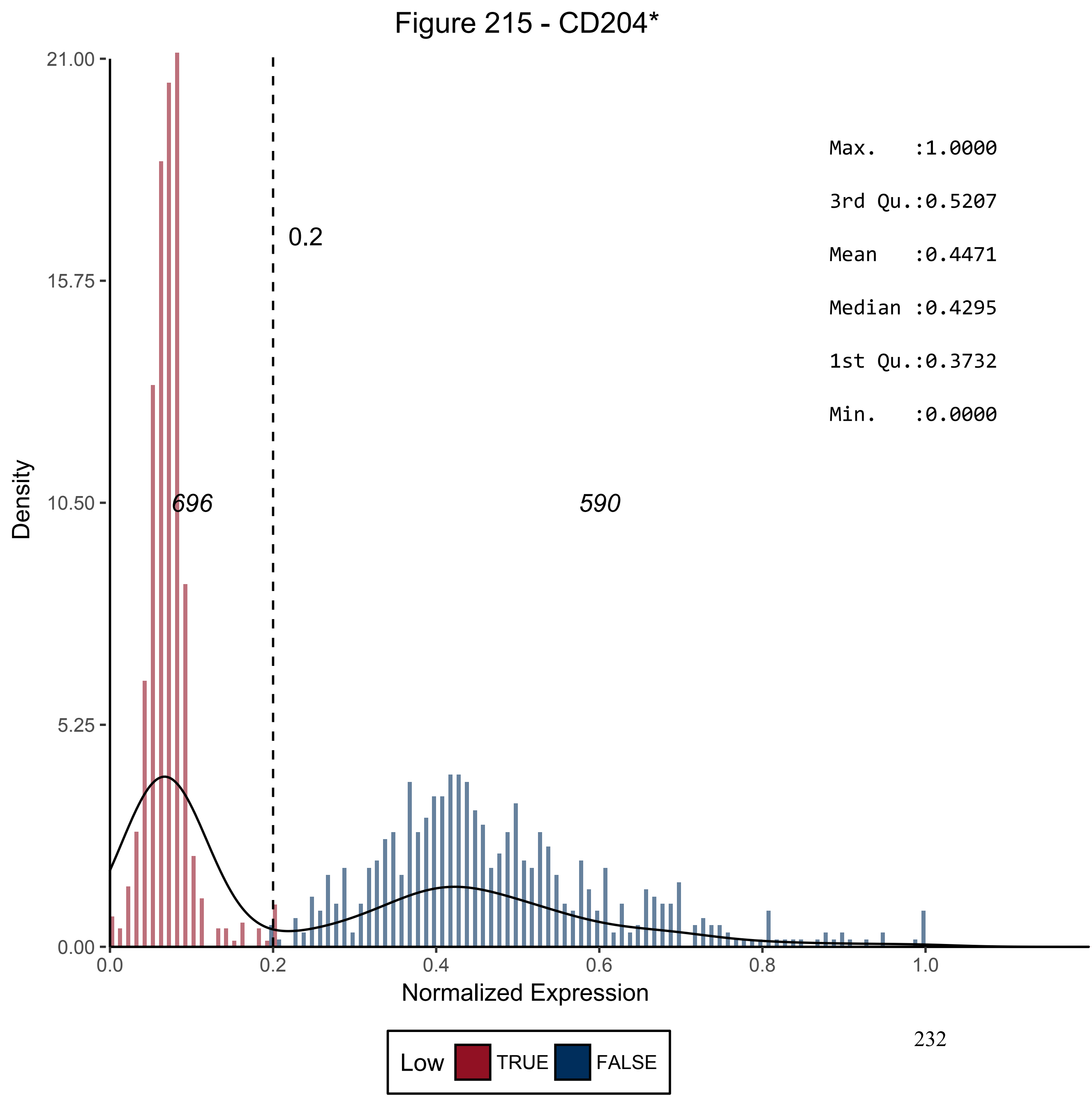


Figure 215 - CD204*
21.00
15.75
10.50
5.25
0.00
Density
0.2
696
590
Max.   :1.0000
3rd Qu.:0.5207
Mean   :0.4471
Median :0.4295
1st Qu.:0.3732
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

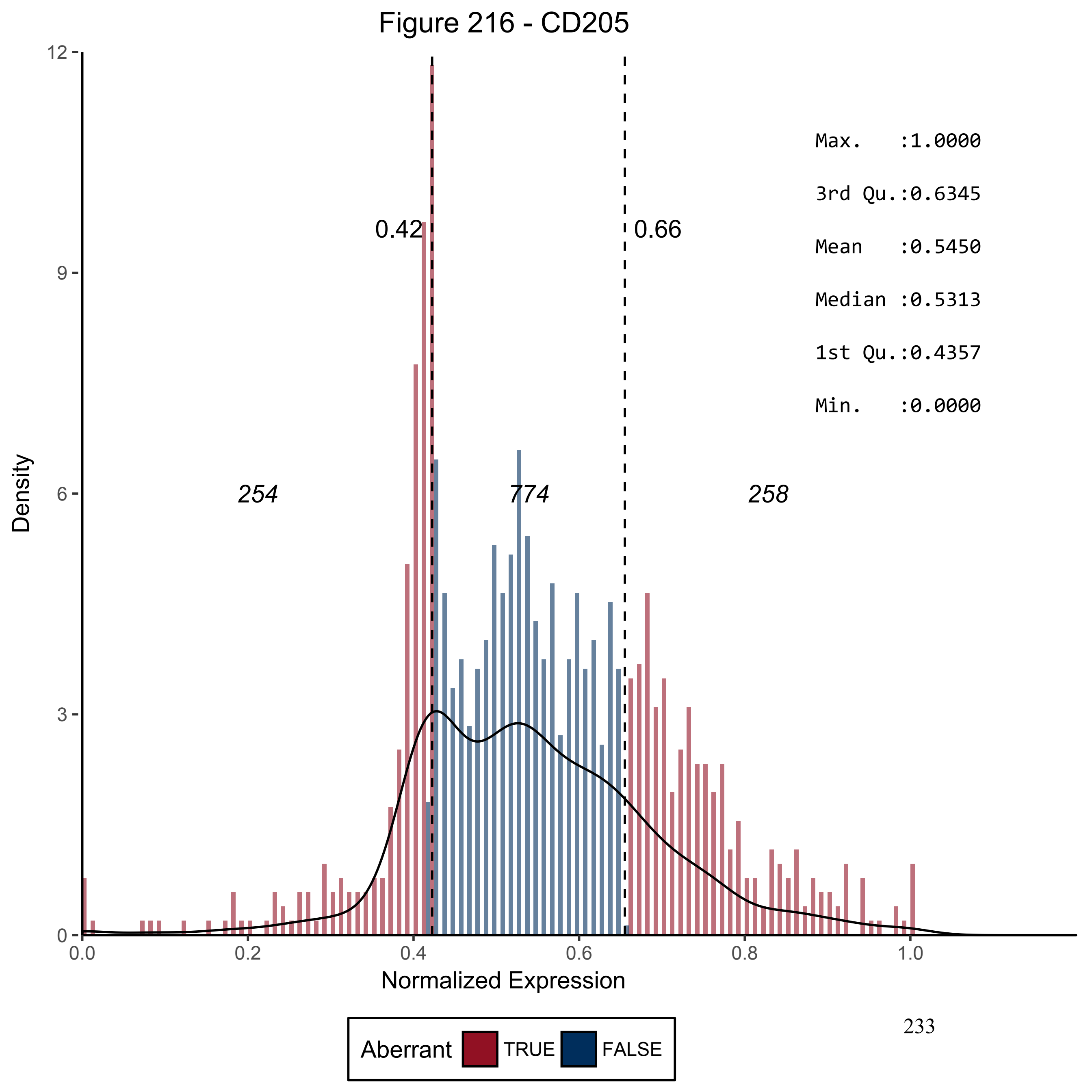


Figure 216 - CD205
Density
12
9
6
3
0
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.42
0.66
254
774
258
Max.   :1.0000
3rd Qu.:0.6345
Mean   :0.5450
Median :0.5313
1st Qu.:0.4357
Min.   :0.0000
Aberrant
TRUE
FALSE

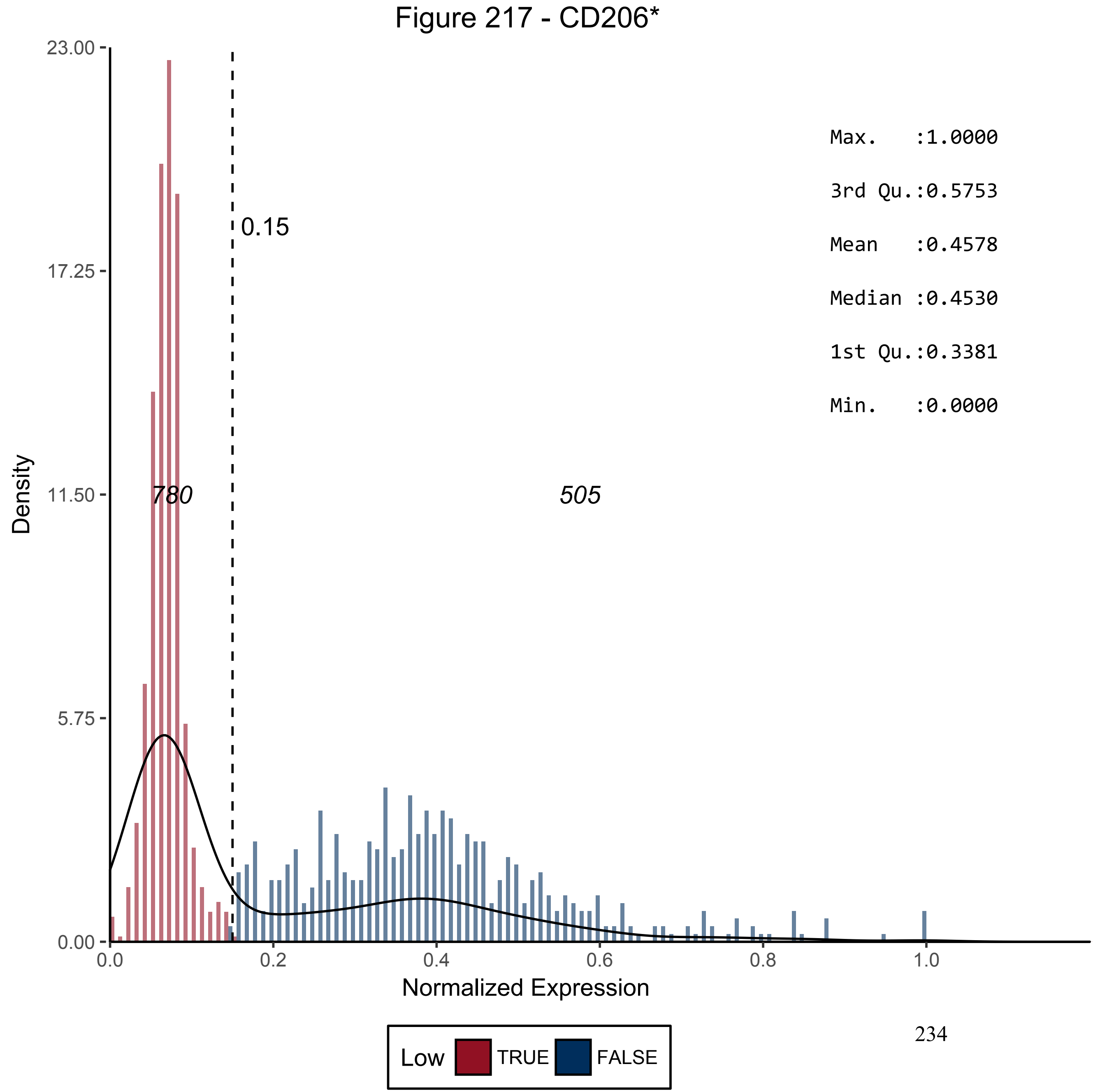


Figure 217 - CD206*
Max.   :1.0000
3rd Qu.:0.5753
Mean   :0.4578
Median :0.4530
1st Qu.:0.3381
Min.   :0.0000
0.15
780
505
Density
Normalized Expression
23.00
17.25
11.50
5.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

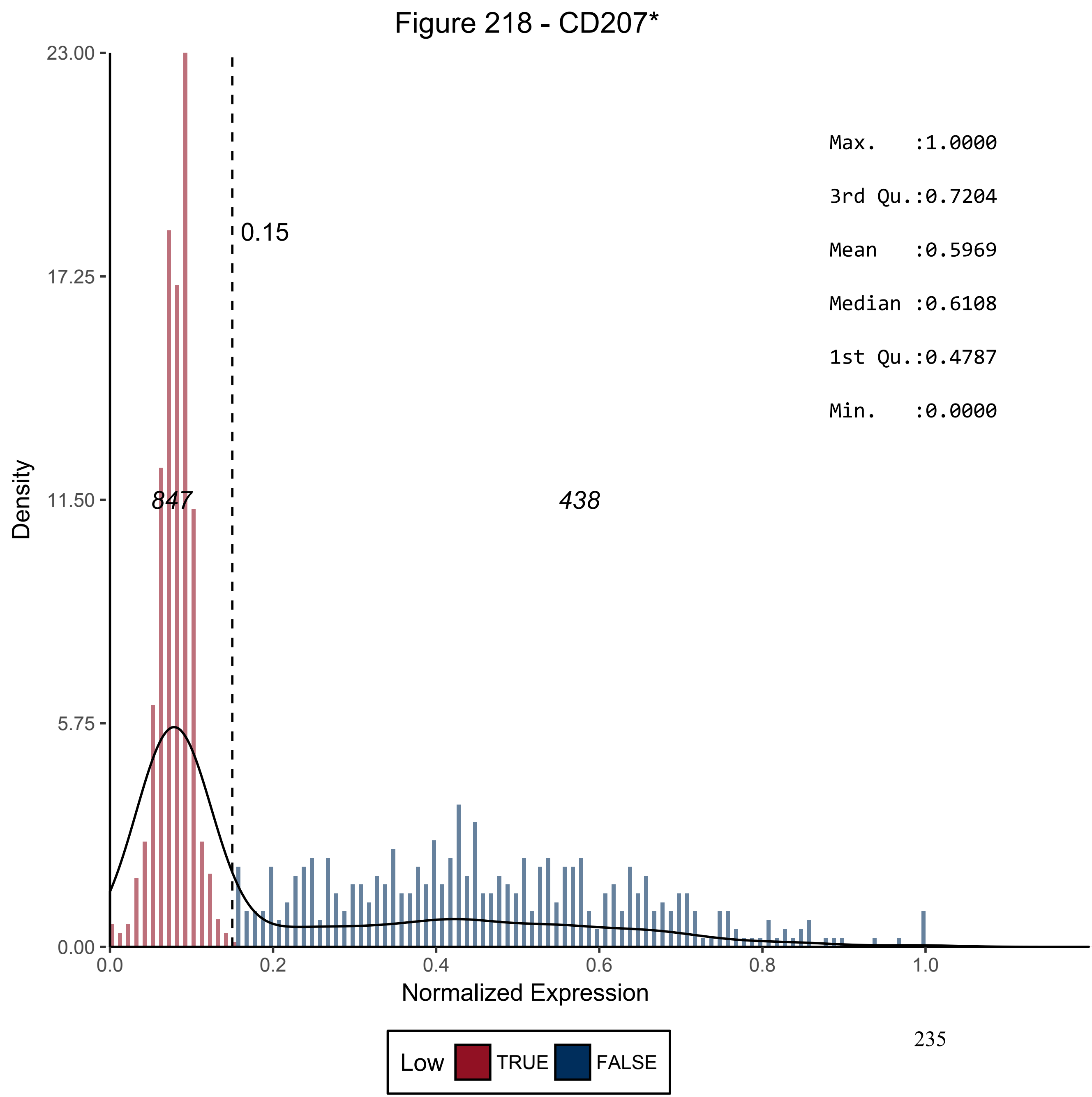
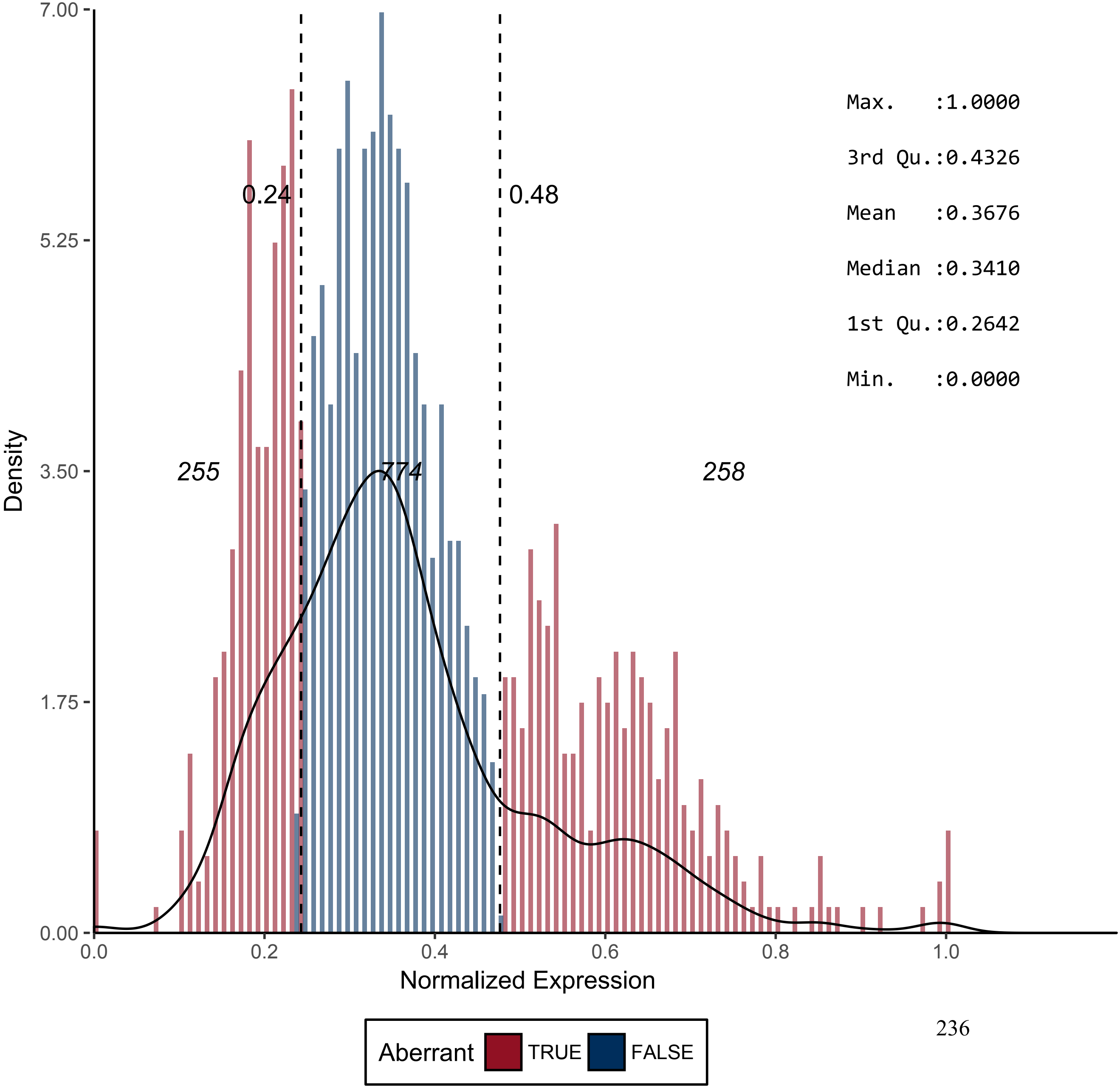


Figure 218 - CD207*
Density
Normalized Expression
0.15
847
438
Max.   :1.0000
3rd Qu.:0.7204
Mean   :0.5969
Median :0.6108
1st Qu.:0.4787
Min.   :0.0000
23.00
17.25
11.50
5.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

Figure 219 - CD208



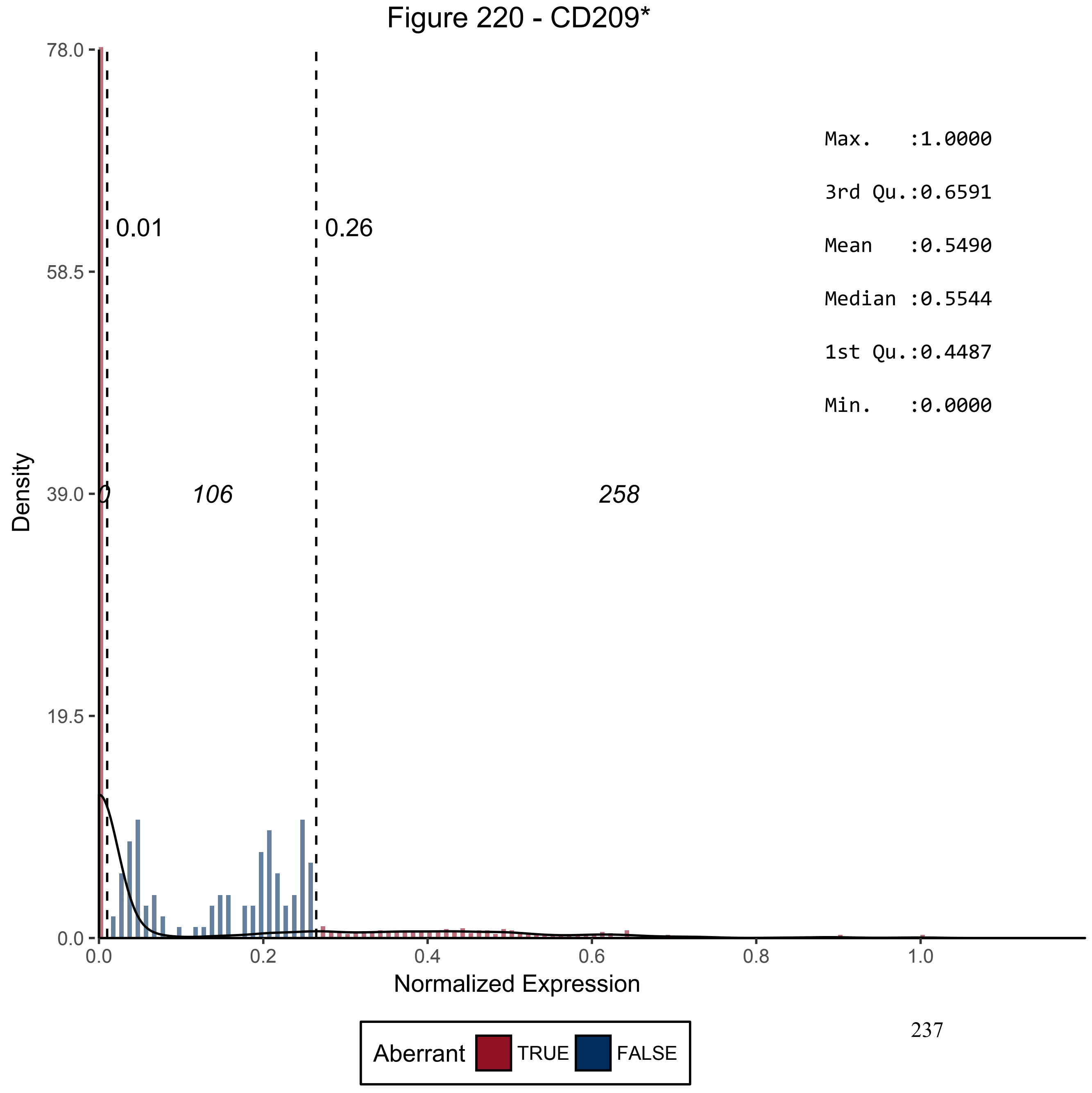


Figure 220 - CD209*
Max. :1.0000
3rd Qu.:0.6591
Mean :0.5490
Median :0.5544
1st Qu.:0.4487
Min. :0.0000
0.01
0.26
0
106
258
78.0
58.5
39.0
19.5
0.0
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

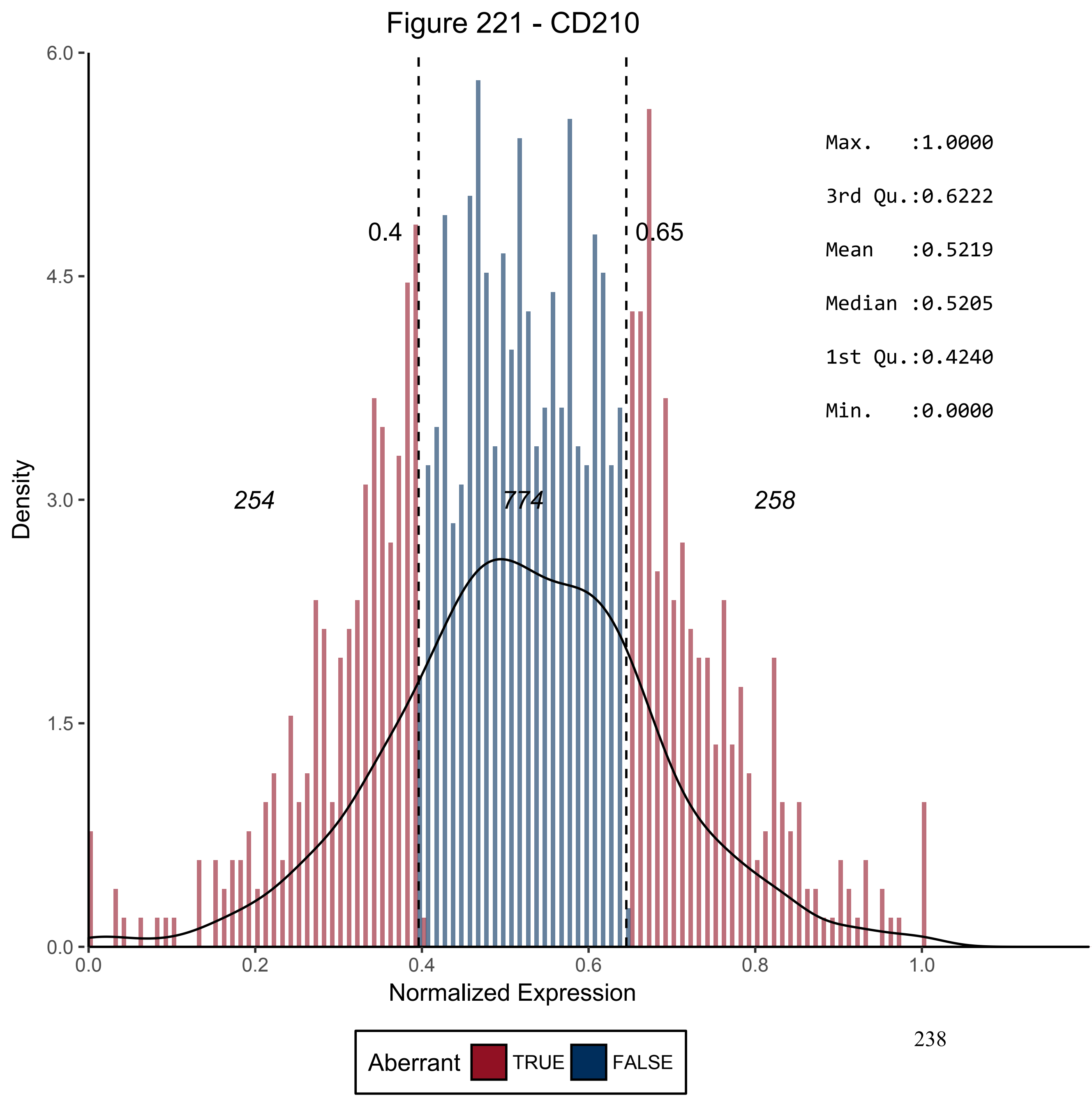


Figure 221 - CD210
Max.   :1.0000
3rd Qu.:0.6222
Mean   :0.5219
Median :0.5205
1st Qu.:0.4240
Min.   :0.0000
0.4
0.65
254
774
258
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

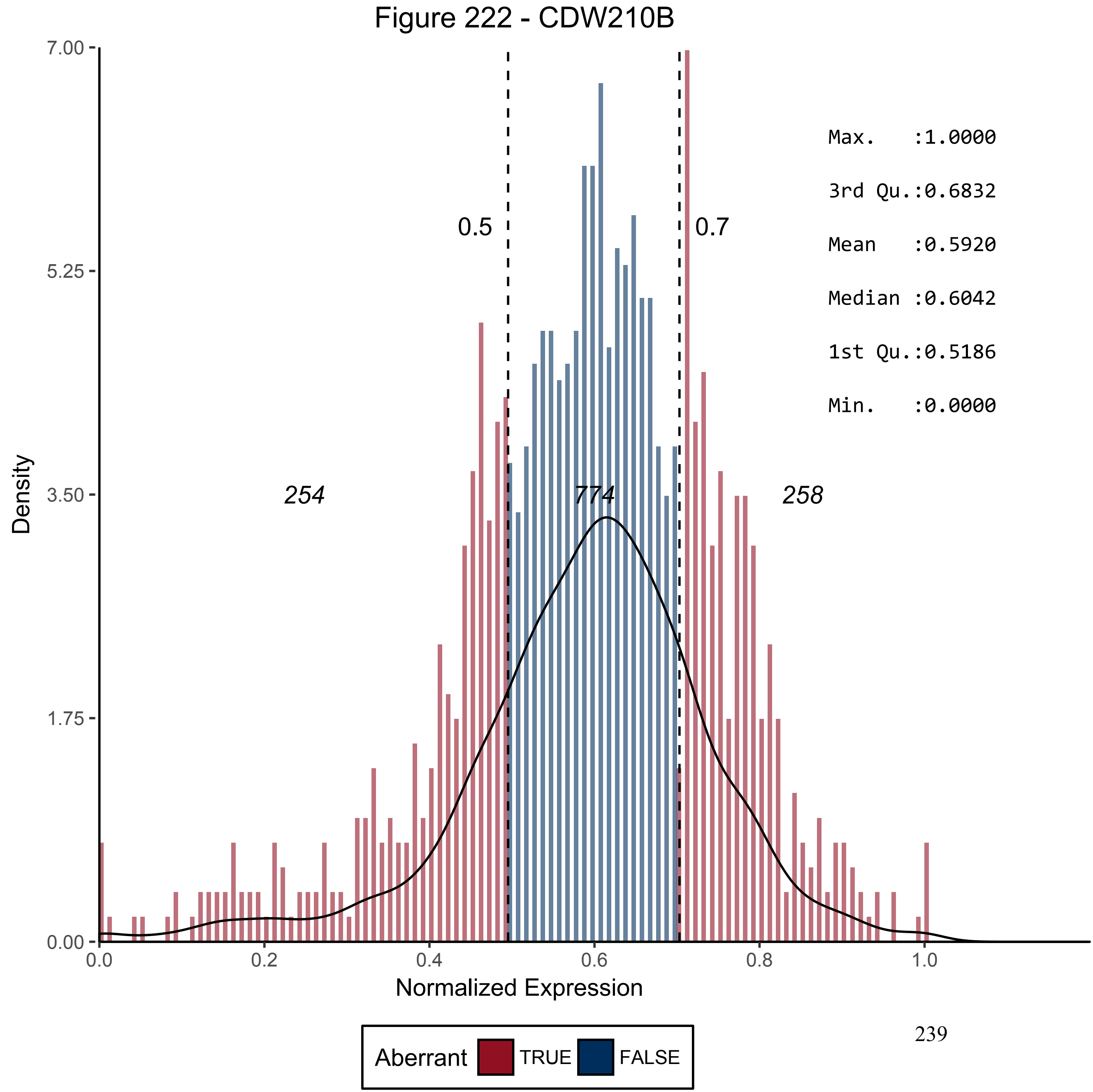


Figure 222 - CDW210B
Max. :1.0000
3rd Qu.:0.6832
Mean :0.5920
Median :0.6042
1st Qu.:0.5186
Min. :0.0000
0.5
0.7
254
774
258
Density
Normalized Expression
0.00
1.75
3.50
5.25
7.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

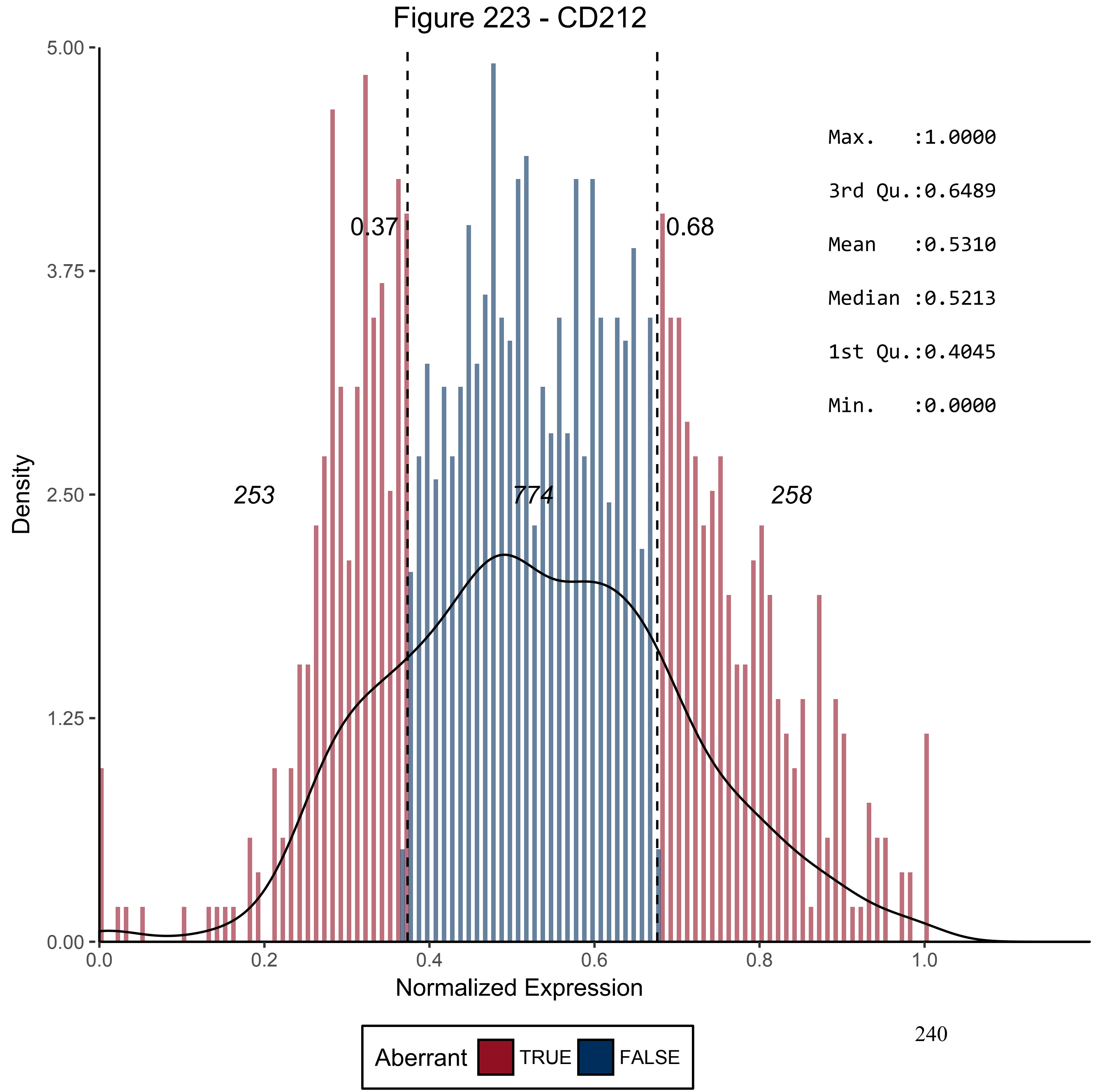


Figure 223 - CD212
Density
Normalized Expression
0.37
0.68
253
774
258
Max. :1.0000
3rd Qu.:0.6489
Mean :0.5310
Median :0.5213
1st Qu.:0.4045
Min. :0.0000
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

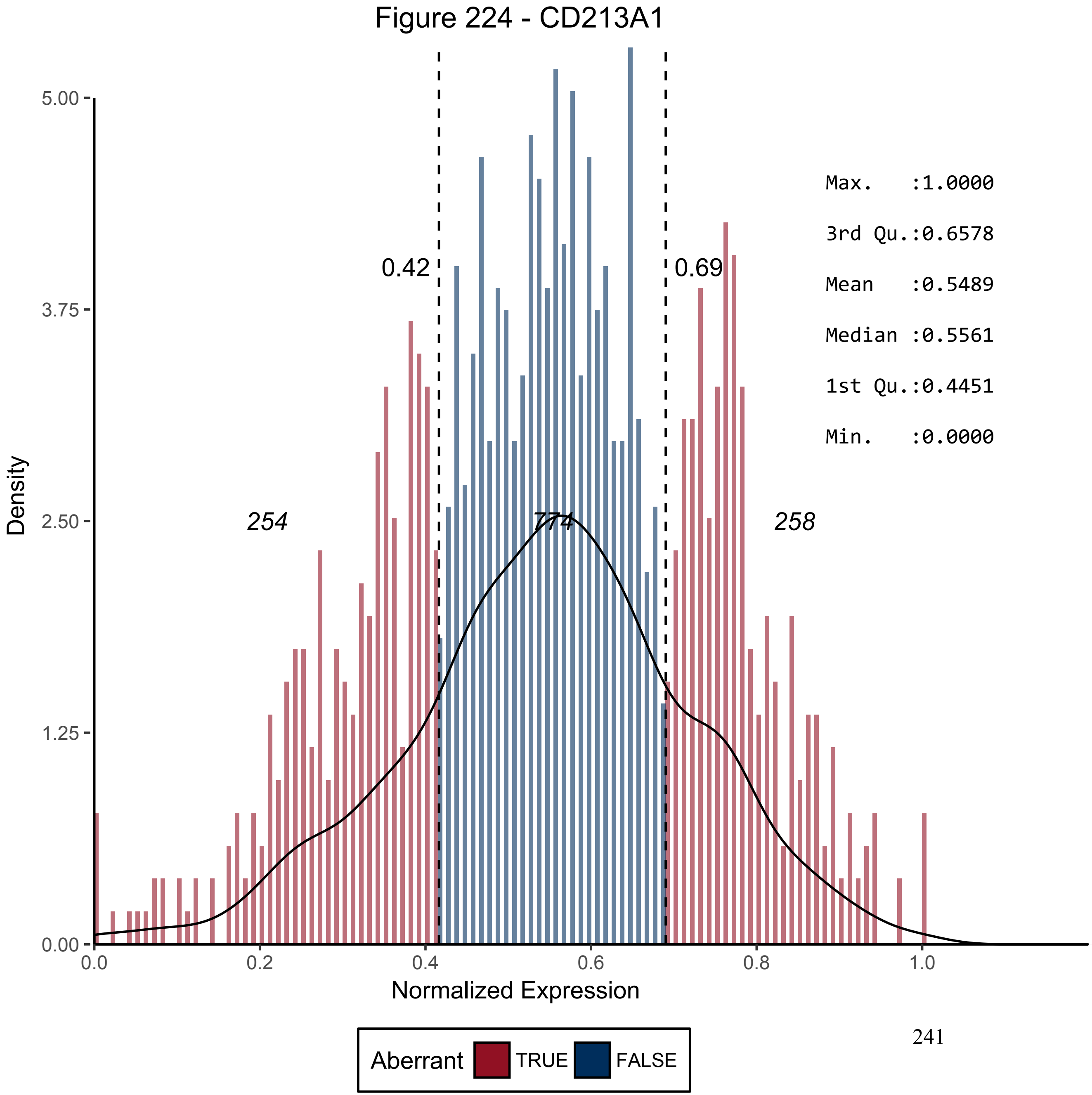


Figure 224 - CD213A1
Max.   :1.0000
3rd Qu.:0.6578
Mean   :0.5489
Median :0.5561
1st Qu.:0.4451
Min.   :0.0000
0.42
0.69
254
774
258
Density
Normalized Expression
Aberrant
TRUE
FALSE
0.00
1.25
2.50
3.75
5.00
0.0
0.2
0.4
0.6
0.8
1.0

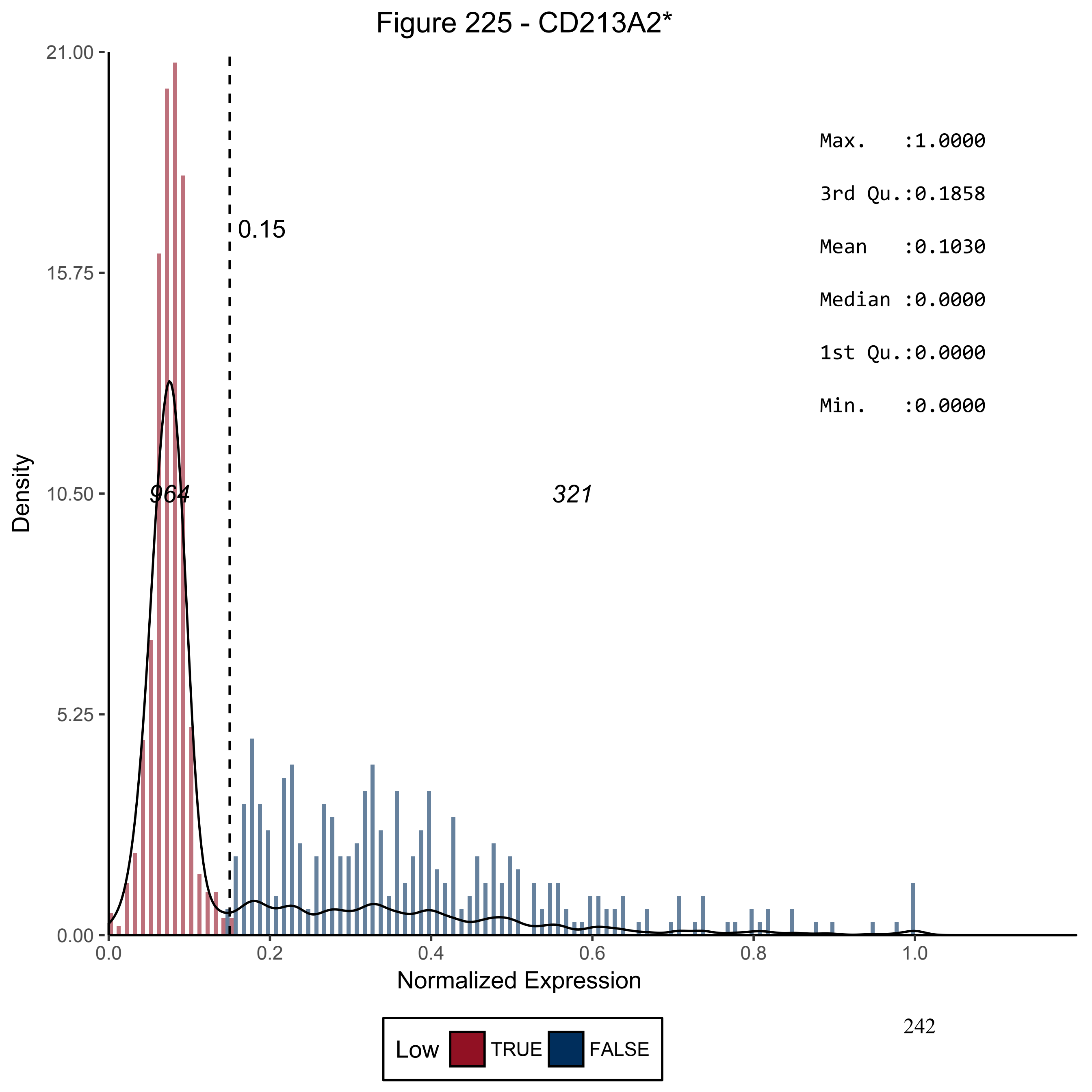


Figure 225 - CD213A2*
Max. :1.0000
3rd Qu.:0.1858
Mean :0.1030
Median :0.0000
1st Qu.:0.0000
Min. :0.0000
0.15
964
321
Density
21.00
15.75
10.50
5.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

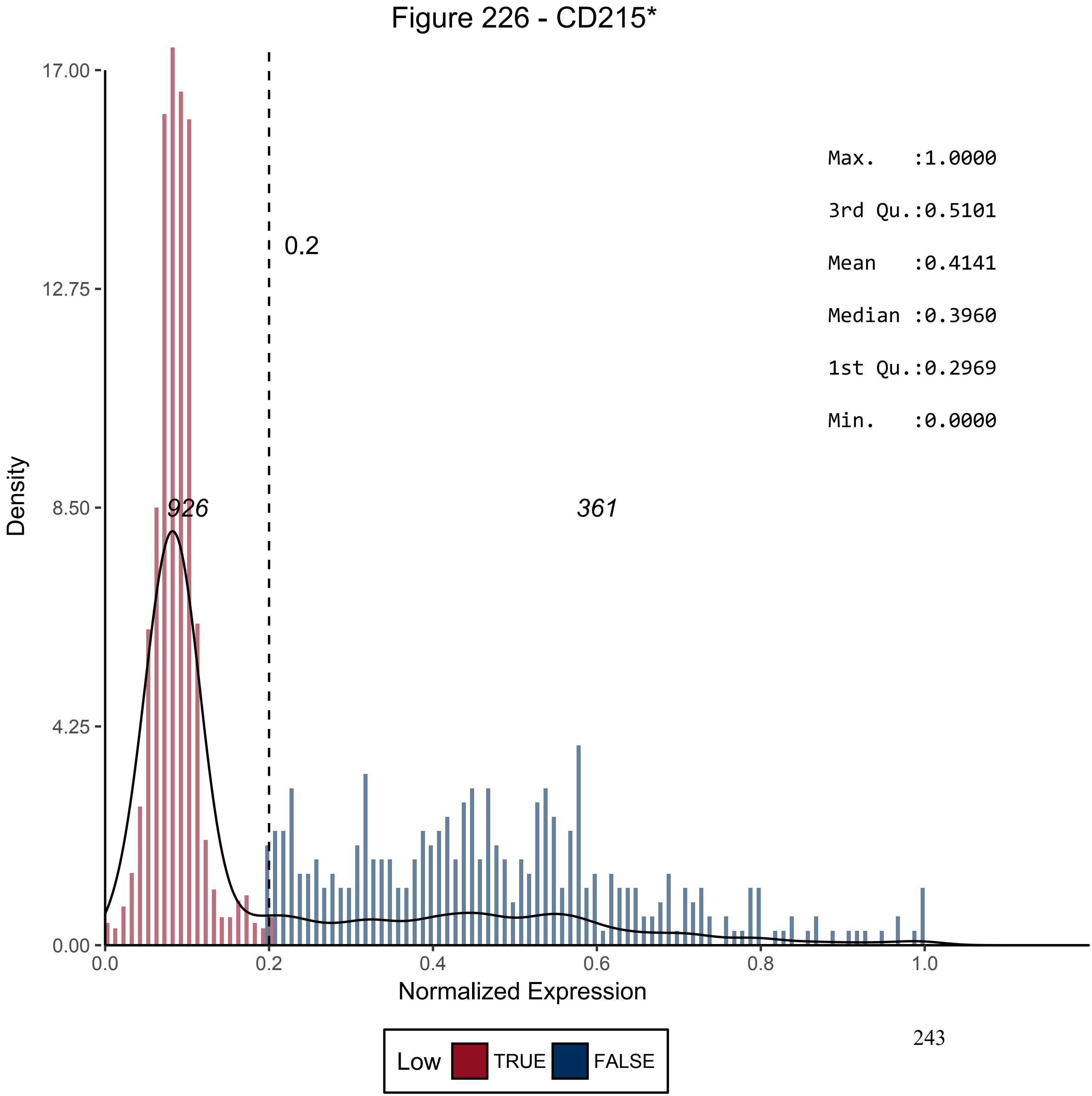


Figure 226 - CD215*
Max. :1.0000
3rd Qu.:0.5101
Mean :0.4141
Median :0.3960
1st Qu.:0.2969
Min. :0.0000
0.2
926
361
Density
17.00
12.75
8.50
4.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

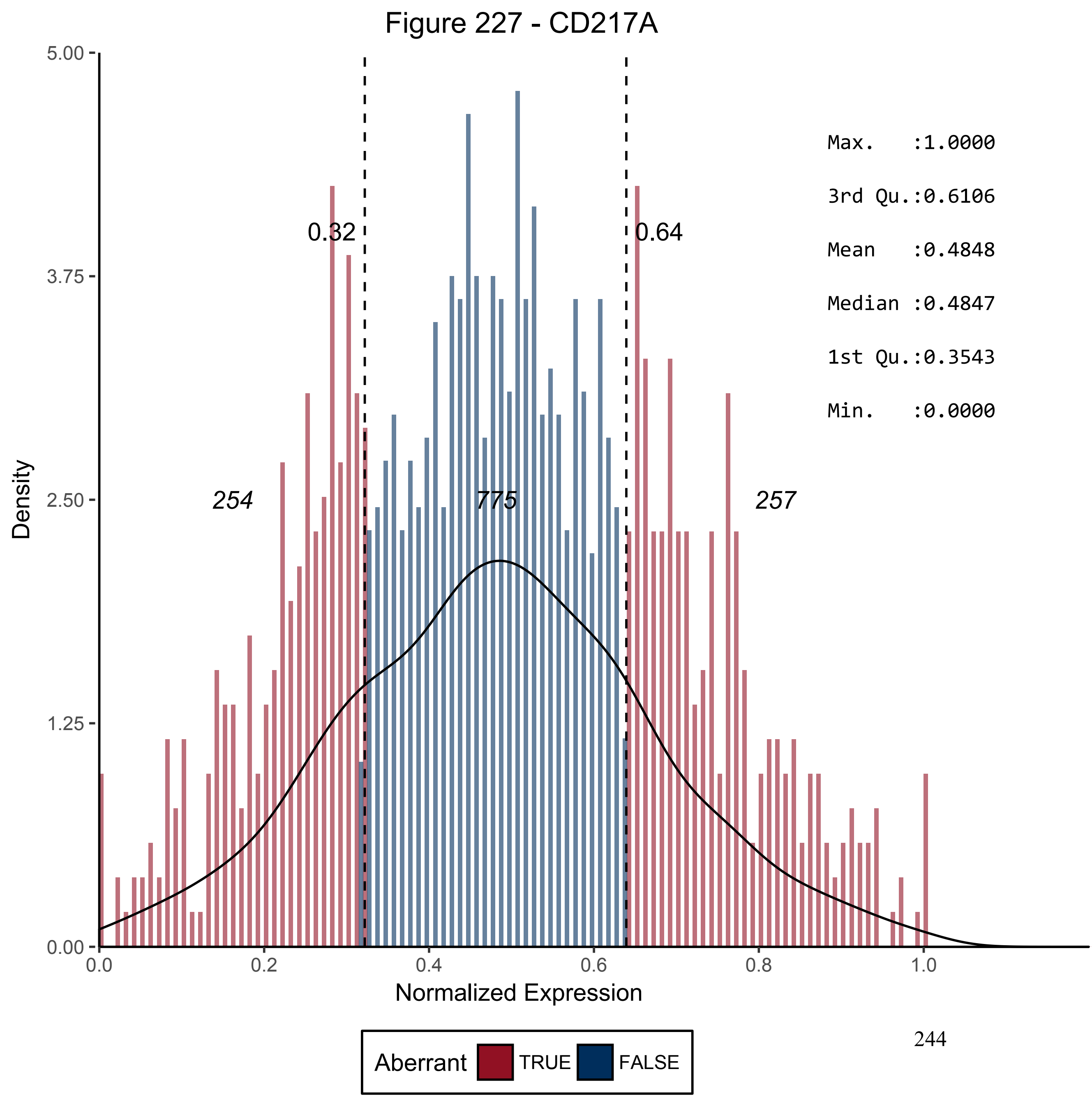


Figure 227 - CD217A
Max. :1.0000
3rd Qu.:0.6106
Mean :0.4848
Median :0.4847
1st Qu.:0.3543
Min. :0.0000
0.32
0.64
254
775
257
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

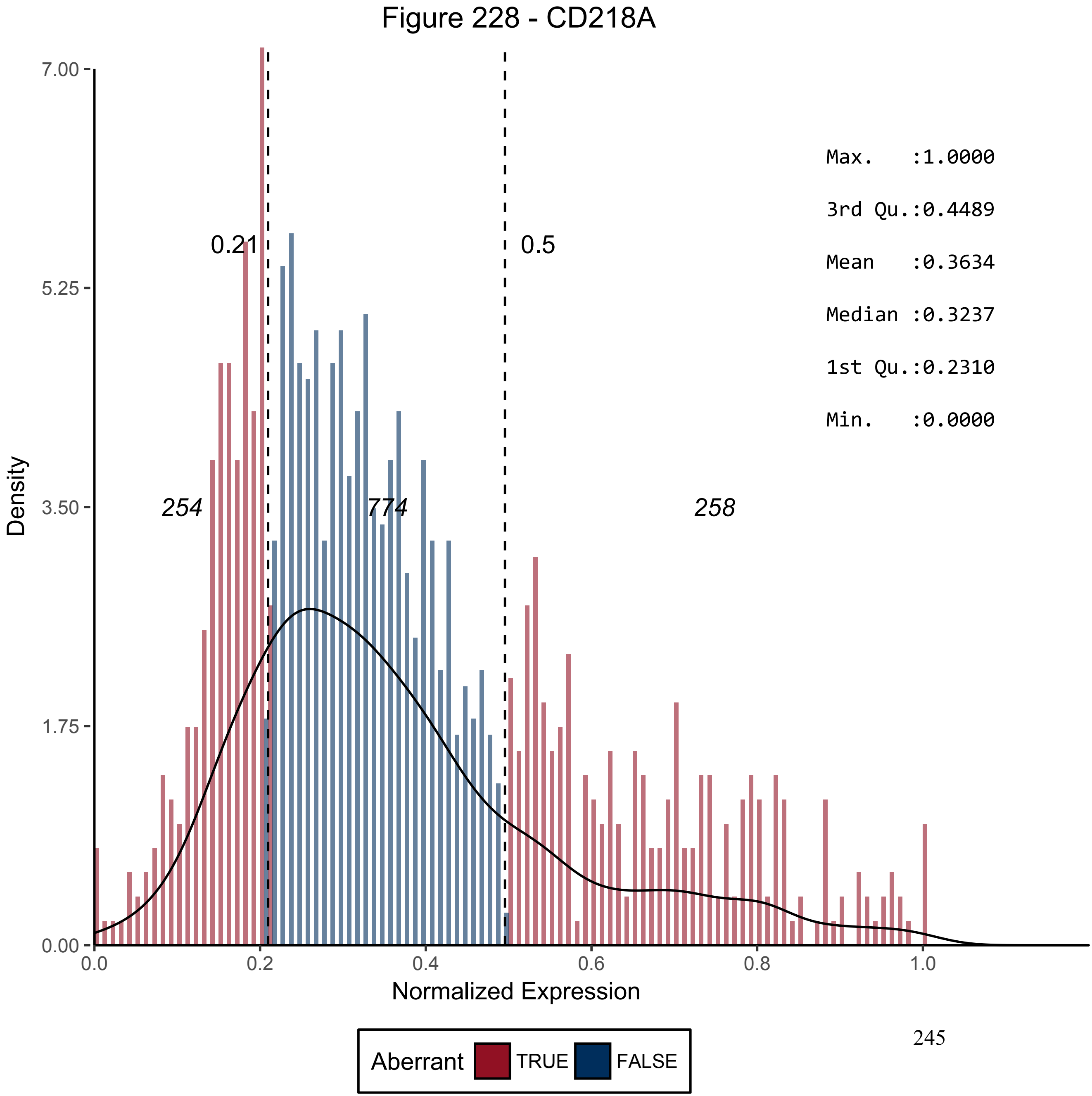


Figure 228 - CD218A
Max. :1.0000
3rd Qu.:0.4489
Mean :0.3634
Median :0.3237
1st Qu.:0.2310
Min. :0.0000
0.21
0.5
254
774
258
Density
Normalized Expression
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

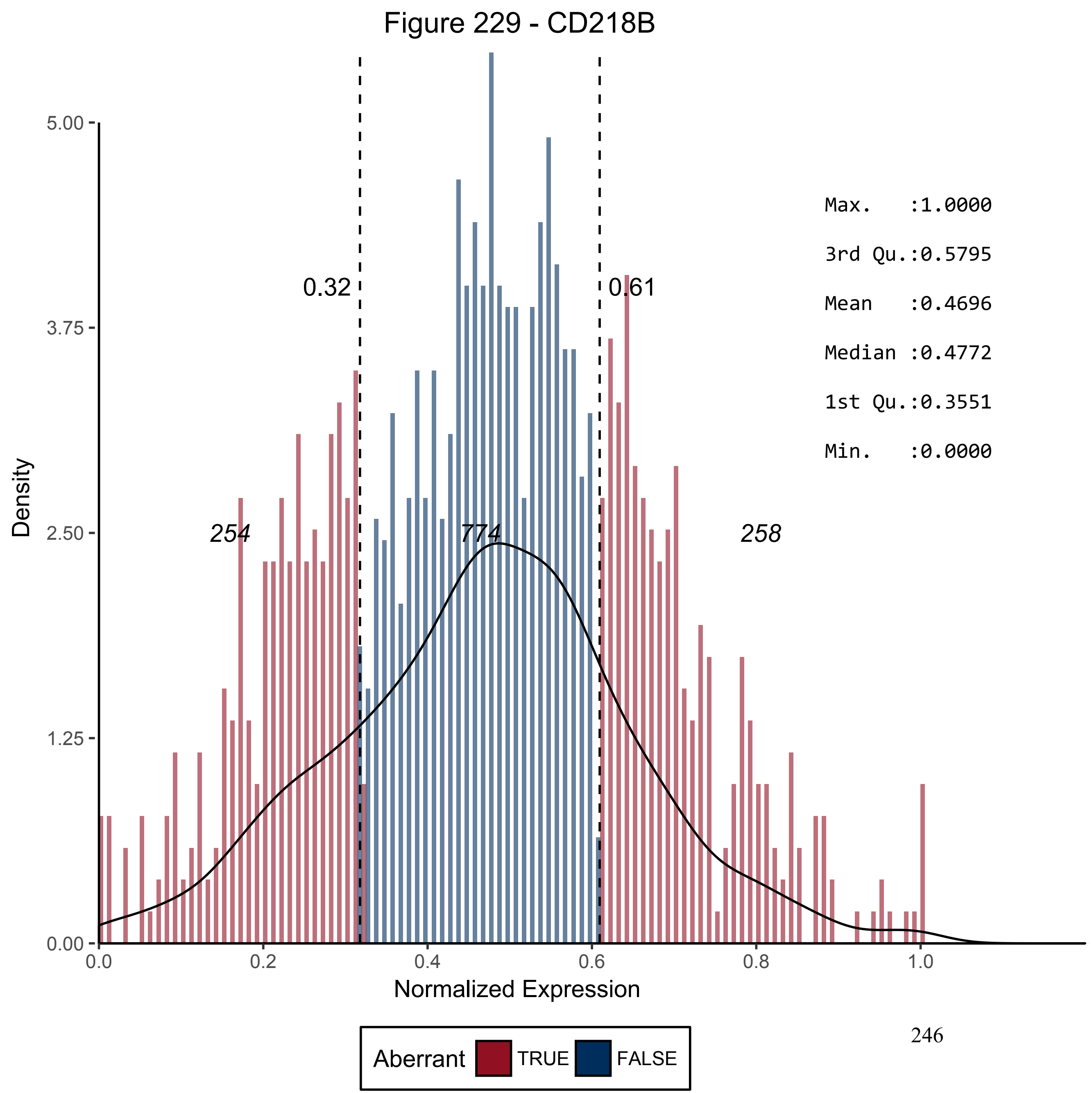


Figure 229 - CD218B
Max. :1.0000
3rd Qu.:0.5795
Mean :0.4696
Median :0.4772
1st Qu.:0.3551
Min. :0.0000
0.32
0.61
254
774
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

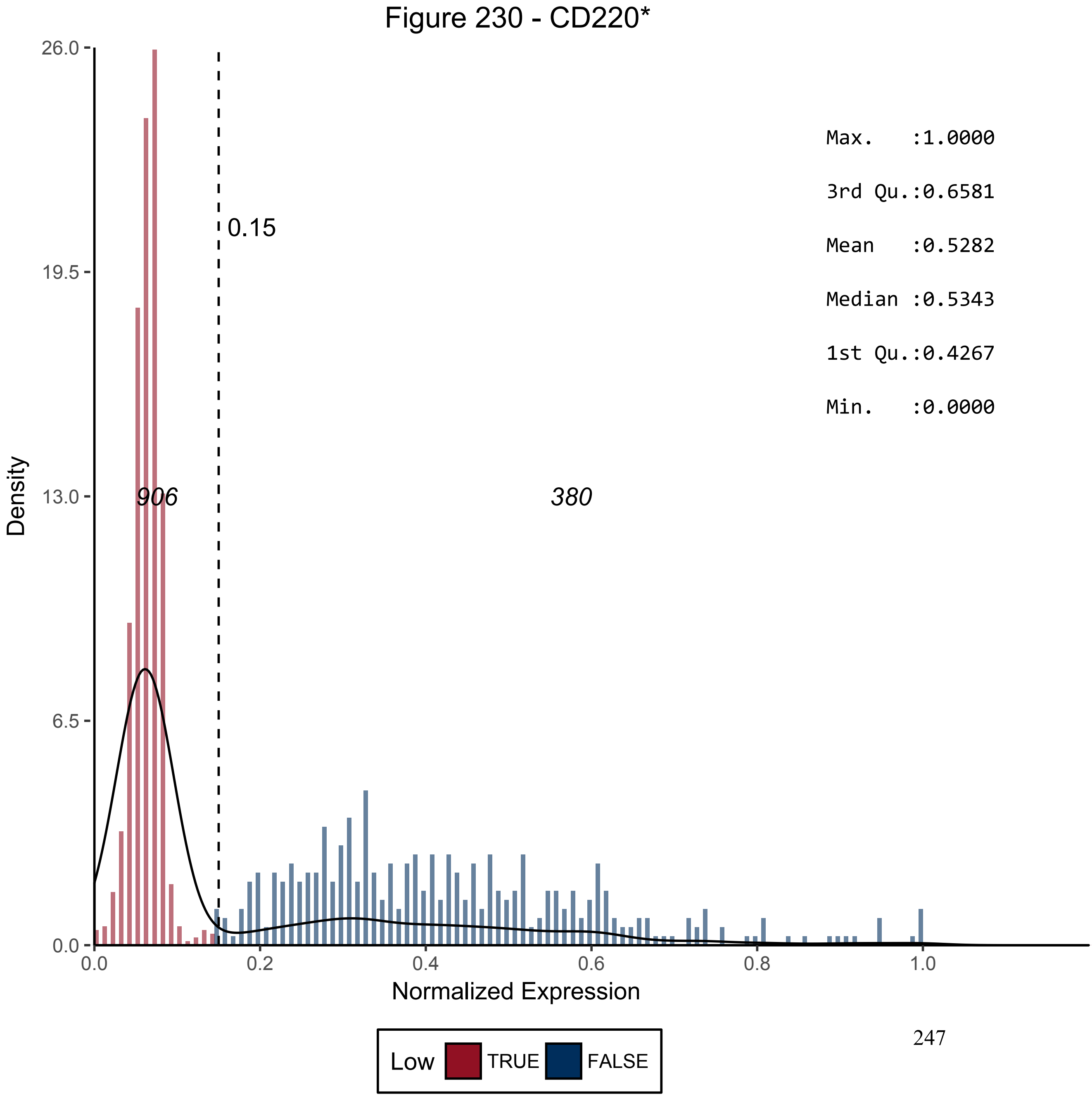


Figure 230 - CD220*
Max. :1.0000
3rd Qu.:0.6581
Mean :0.5282
Median :0.5343
1st Qu.:0.4267
Min. :0.0000
0.15
906
380
Density
Normalized Expression
26.0
19.5
13.0
6.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

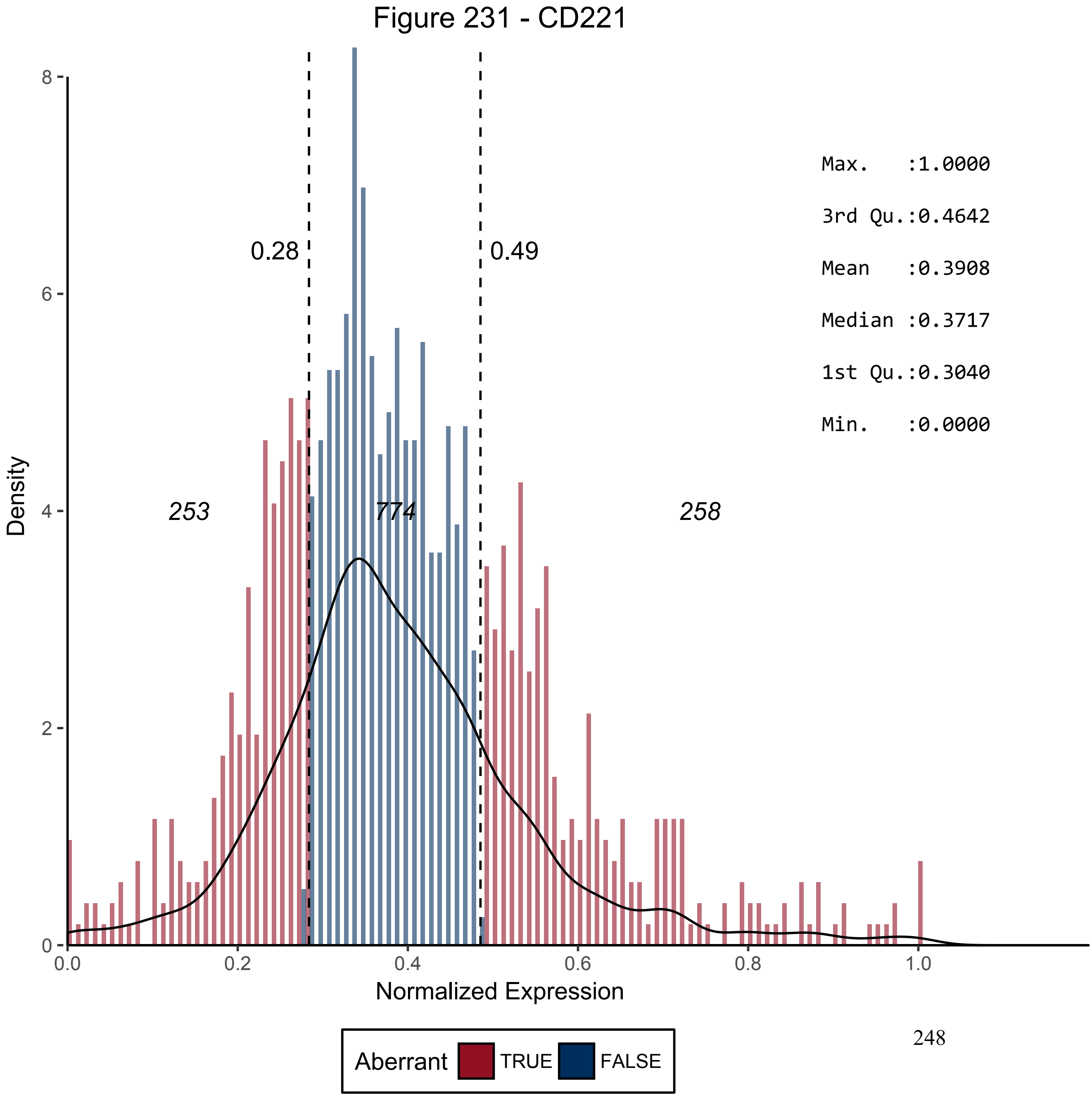


Figure 231 - CD221
Max.   :1.0000
3rd Qu.:0.4642
Mean   :0.3908
Median :0.3717
1st Qu.:0.3040
Min.   :0.0000
0.28
0.49
253
774
258
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
2
4
6
8
Aberrant
TRUE
FALSE

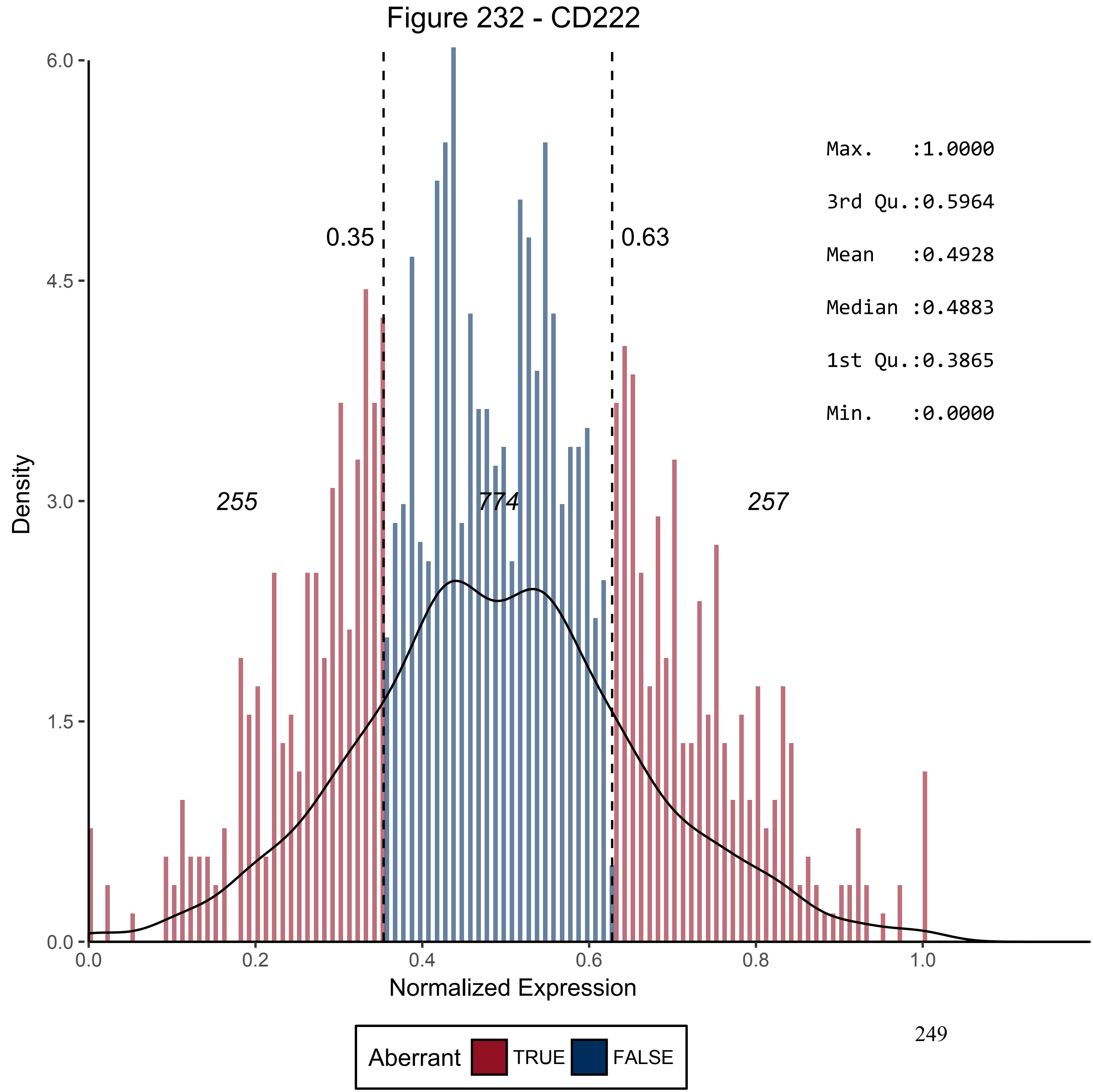


Figure 232 - CD222
Max. :1.0000
3rd Qu.:0.5964
Mean :0.4928
Median :0.4883
1st Qu.:0.3865
Min. :0.0000
0.35
0.63
255
774
257
Density
Normalized Expression
Aberrant
TRUE
FALSE

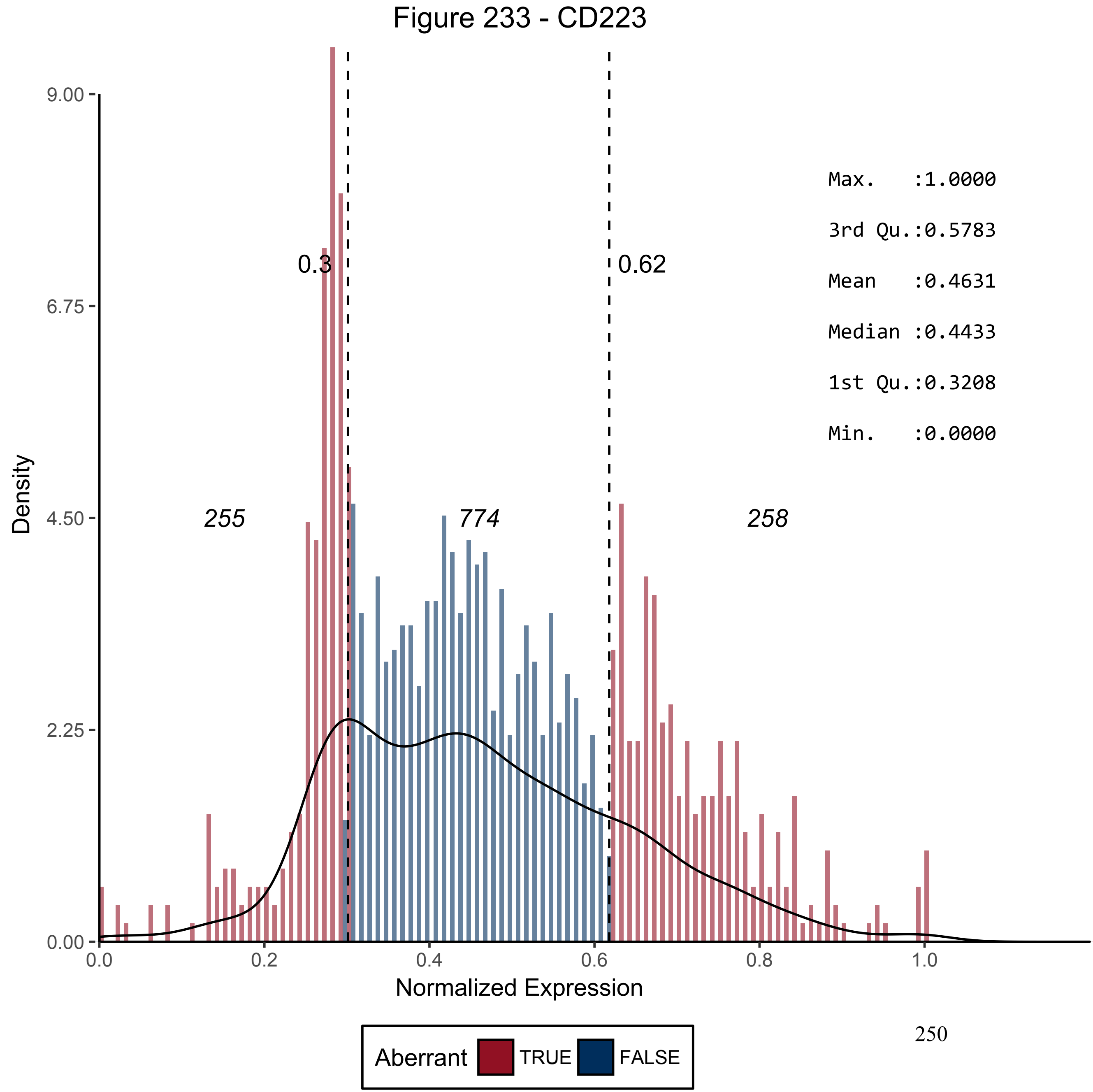


Figure 233 - CD223
Max. :1.0000
3rd Qu.:0.5783
Mean :0.4631
Median :0.4433
1st Qu.:0.3208
Min. :0.0000
0.3
0.62
255
774
258
Density
9.00
6.75
4.50
2.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

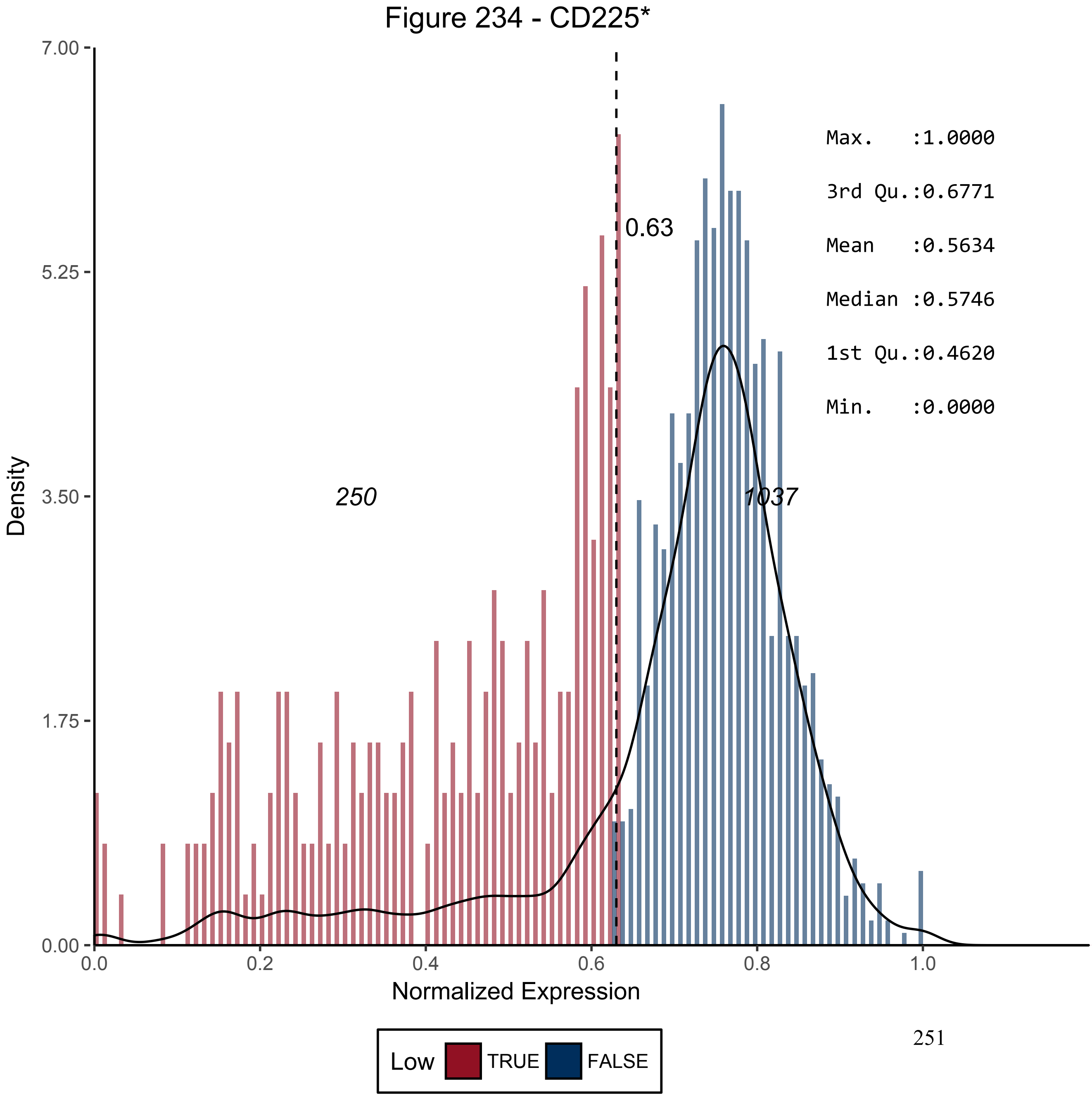


Figure 234 - CD225*
Max. :1.0000
3rd Qu.:0.6771
Mean :0.5634
Median :0.5746
1st Qu.:0.4620
Min. :0.0000
0.63
250
1037
Density
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

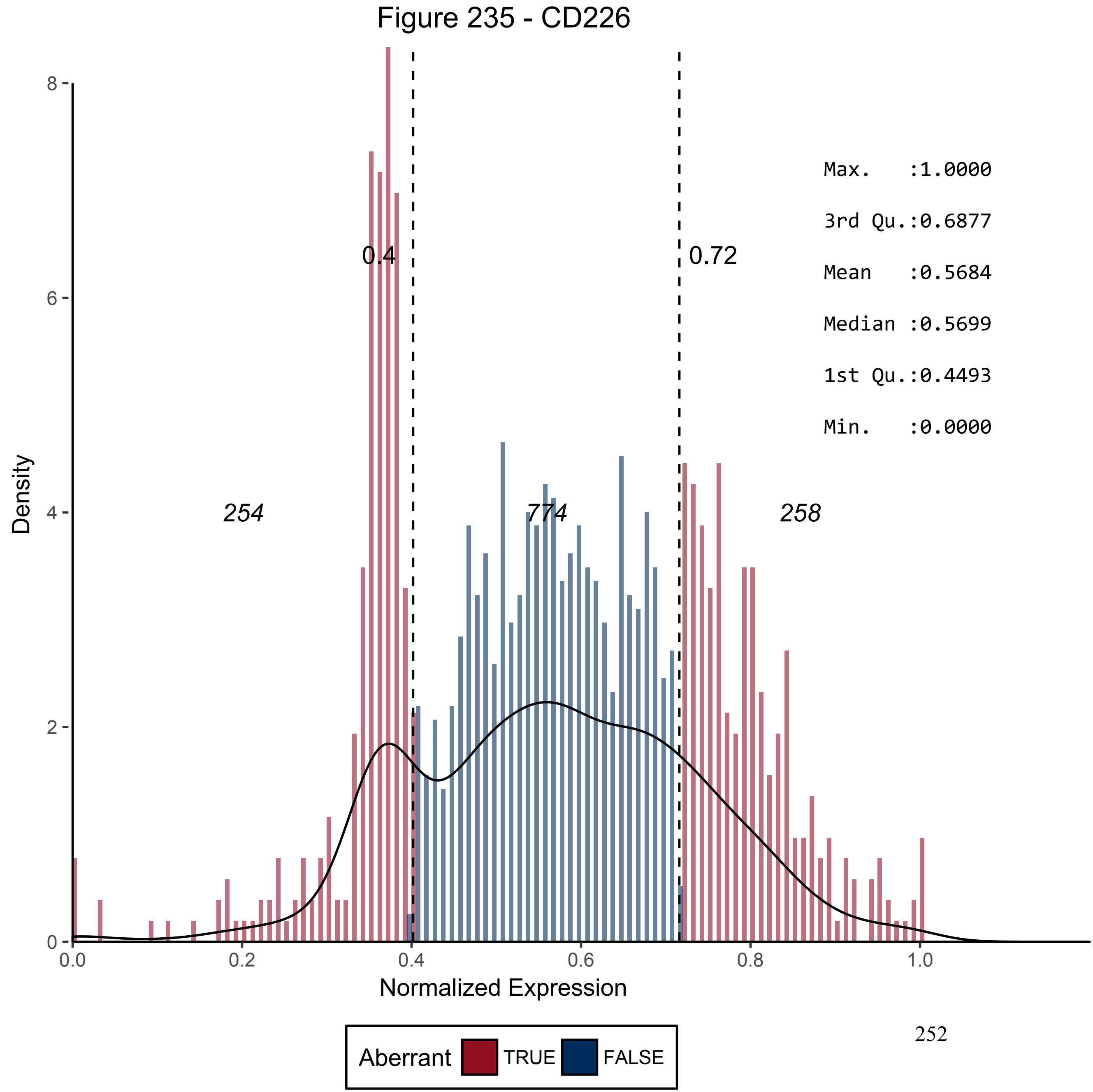
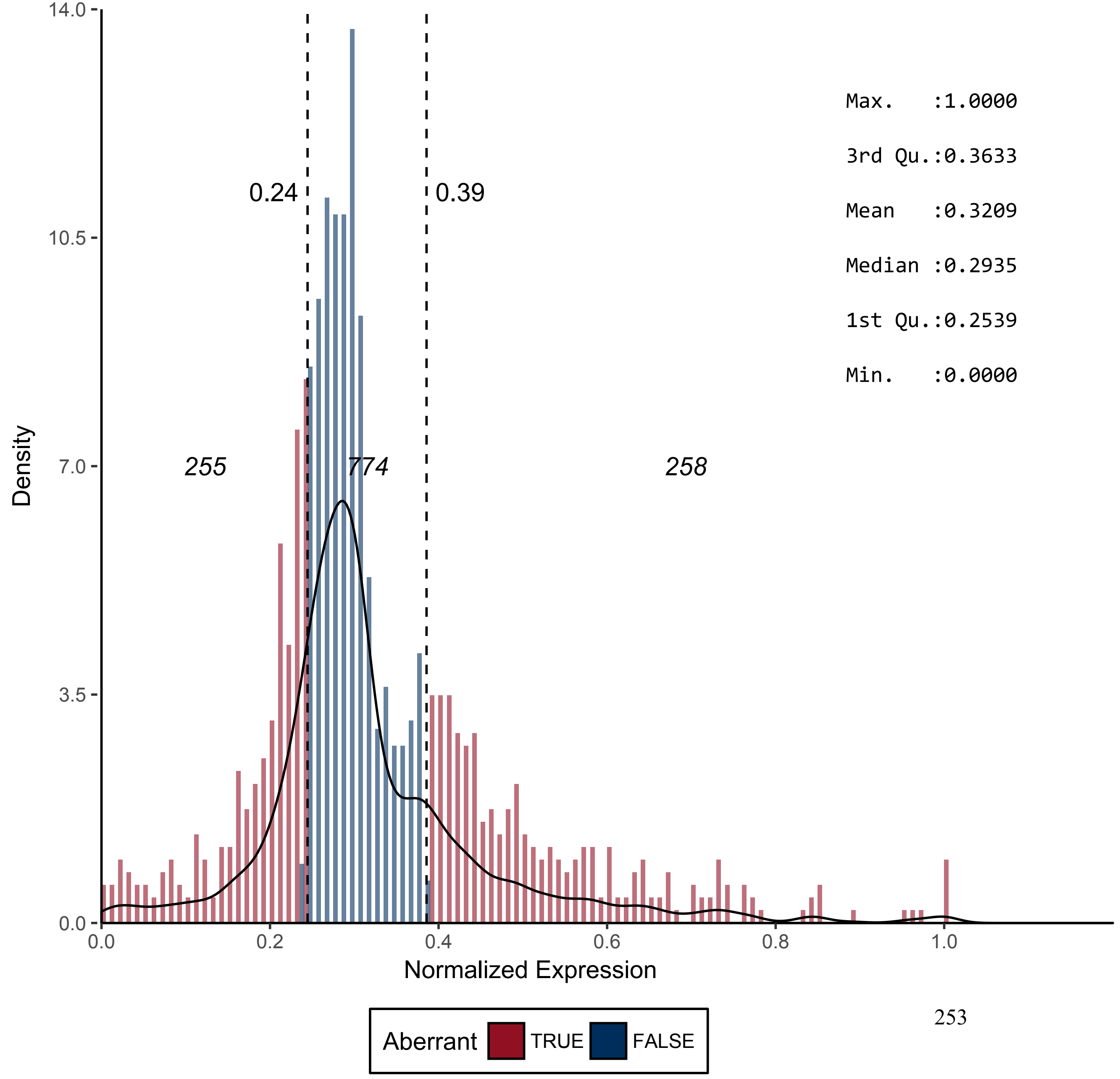


Figure 235 - CD226
Max.   :1.0000
3rd Qu.:0.6877
Mean   :0.5684
Median :0.5699
1st Qu.:0.4493
Min.   :0.0000
0.4
0.72
254
774
258
Density
Normalized Expression
0
2
4
6
8
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 236 - CD227



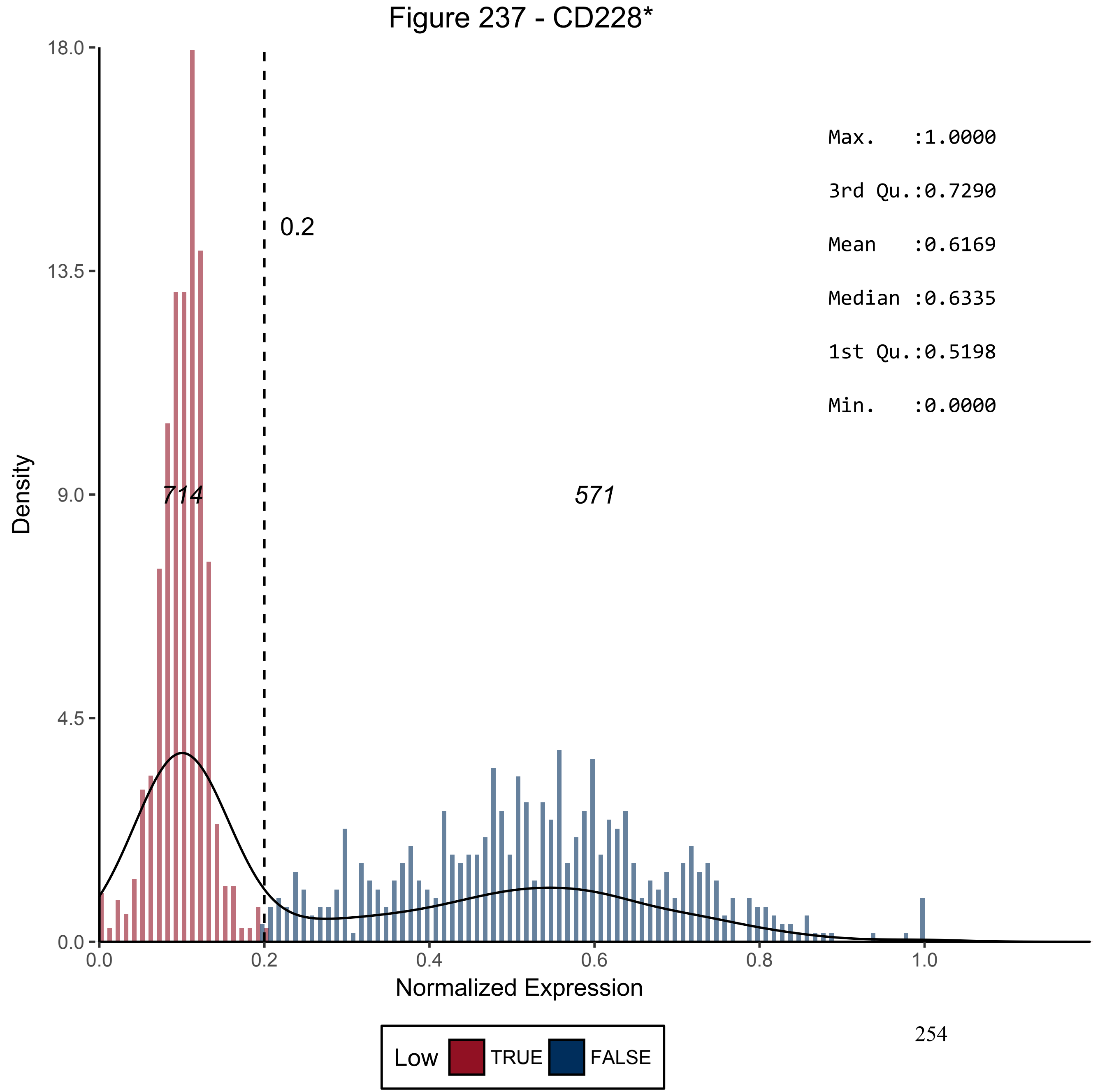


Figure 237 - CD228*
18.0
13.5
9.0
4.5
0.0
Density
0.2
714
571
Max.   :1.0000
3rd Qu.:0.7290
Mean   :0.6169
Median :0.6335
1st Qu.:0.5198
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

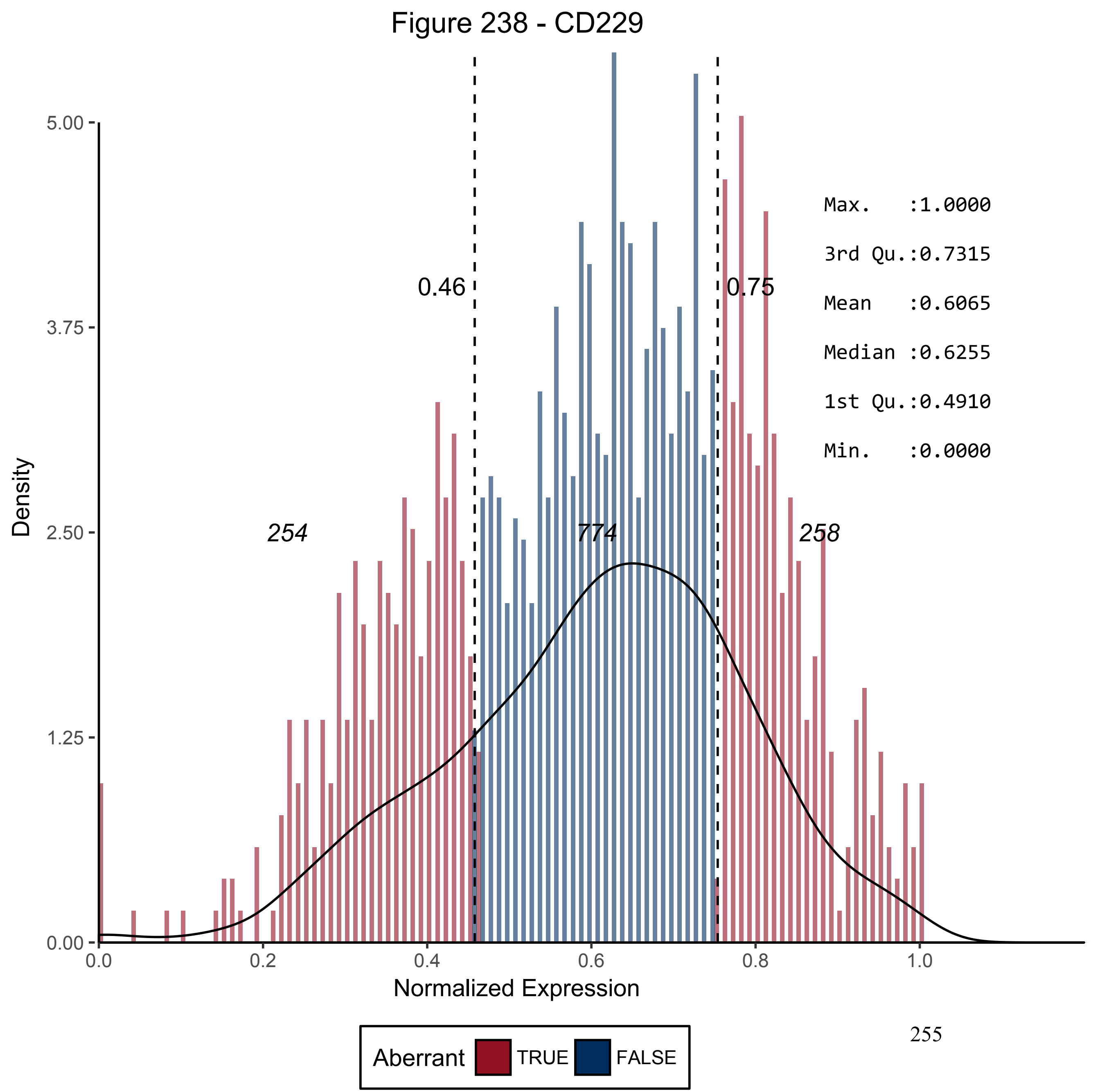


Figure 238 - CD229
Max. :1.0000
3rd Qu.:0.7315
Mean :0.6065
Median :0.6255
1st Qu.:0.4910
Min. :0.0000
0.46
0.75
254
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

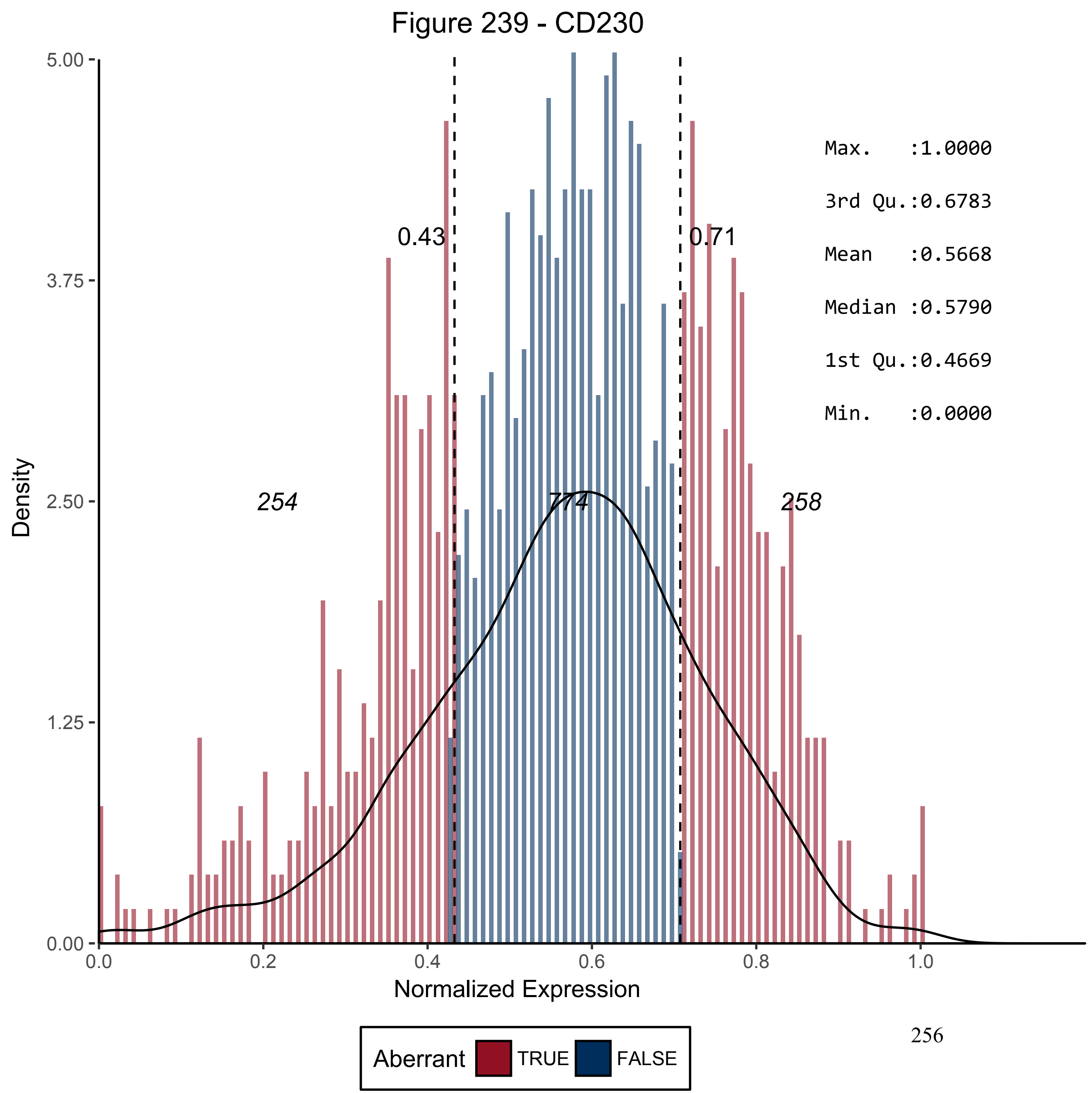


Figure 239 - CD230
Density
Normalized Expression
0.43
0.71
254
774
258
Max.   :1.0000
3rd Qu.:0.6783
Mean   :0.5668
Median :0.5790
1st Qu.:0.4669
Min.   :0.0000
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

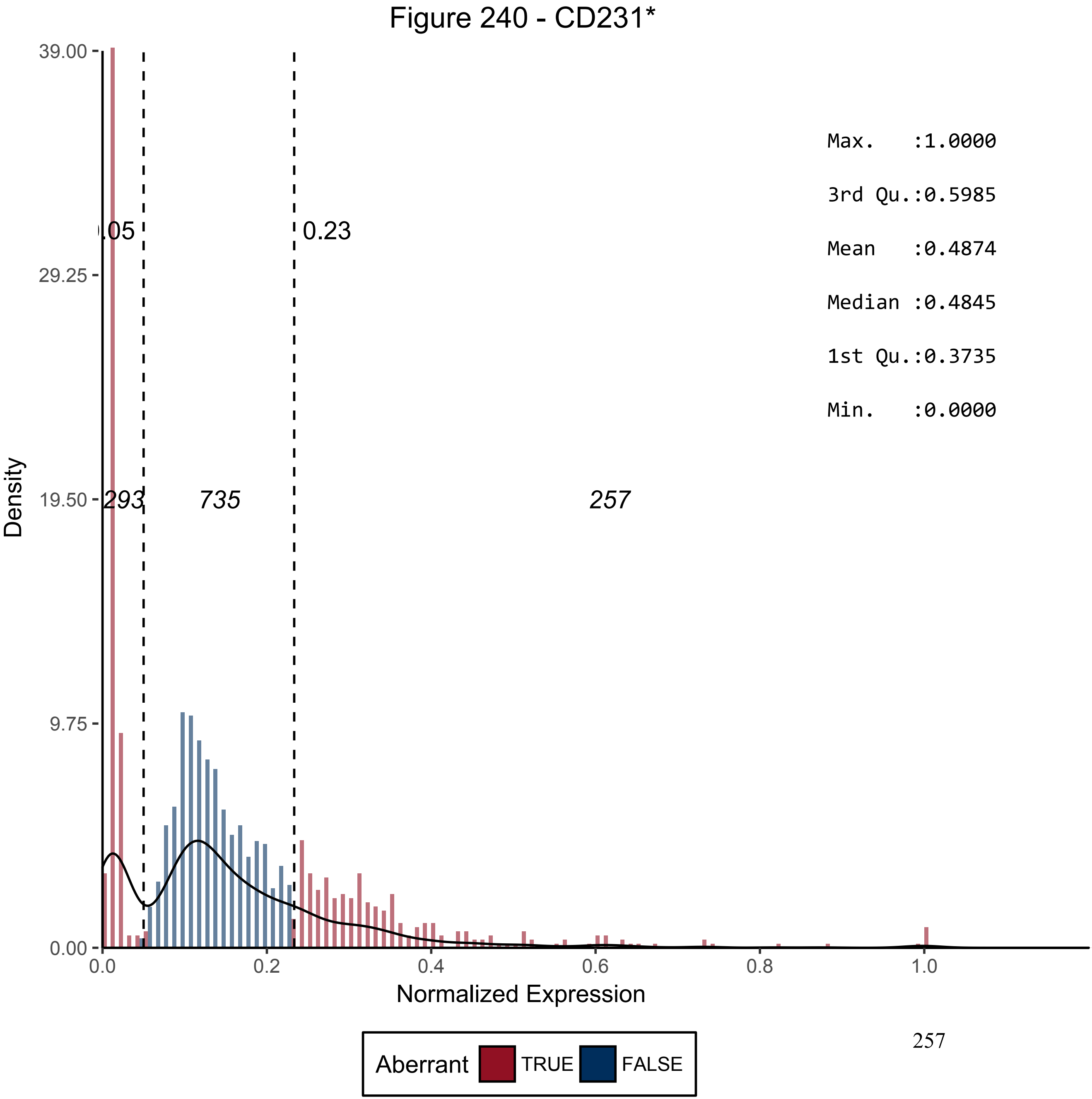


Figure 240 - CD231*
Max. :1.0000
3rd Qu.:0.5985
Mean :0.4874
Median :0.4845
1st Qu.:0.3735
Min. :0.0000
0.05
0.23
293
735
257
Density
Normalized Expression
Aberrant
TRUE
FALSE

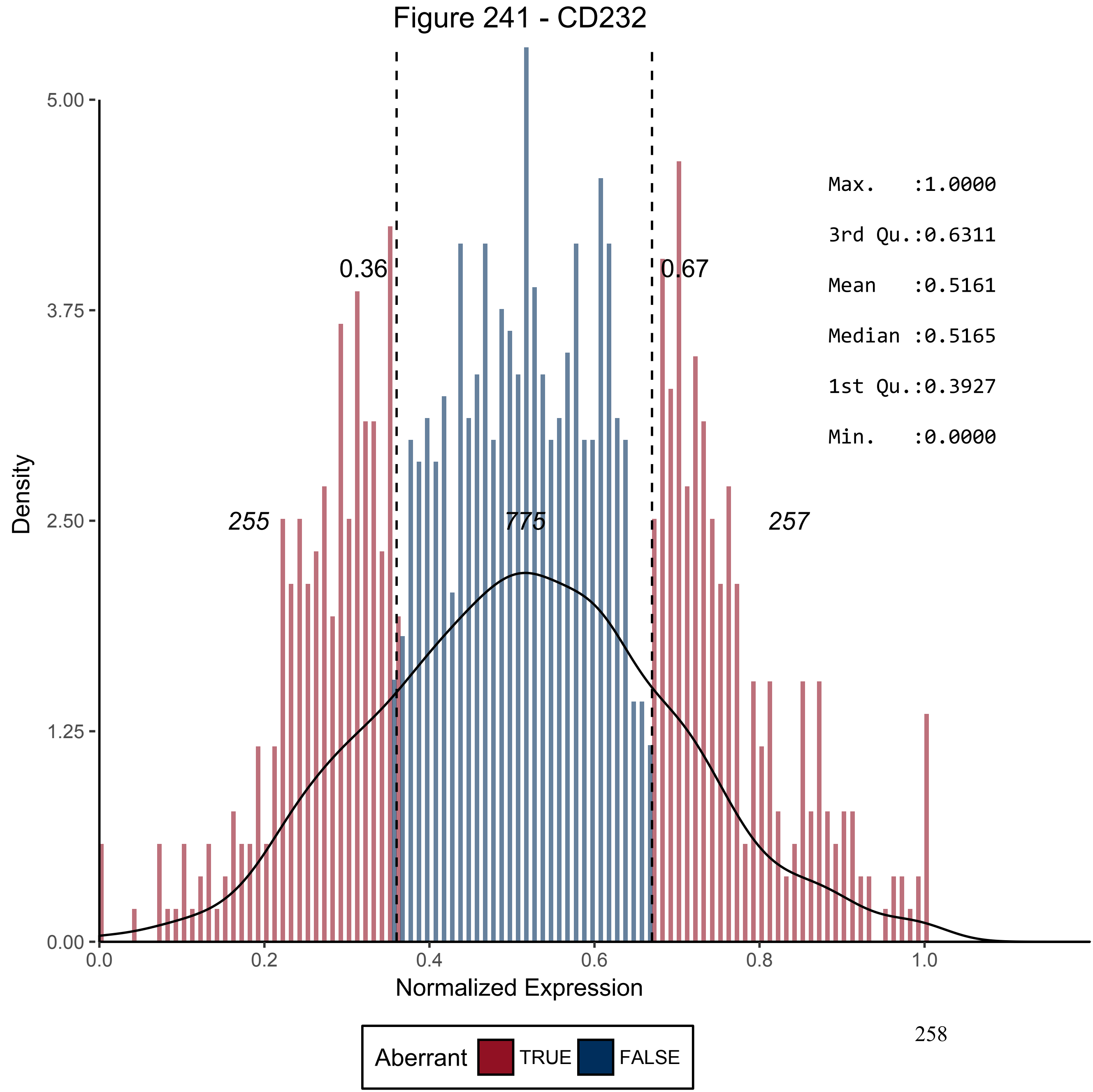
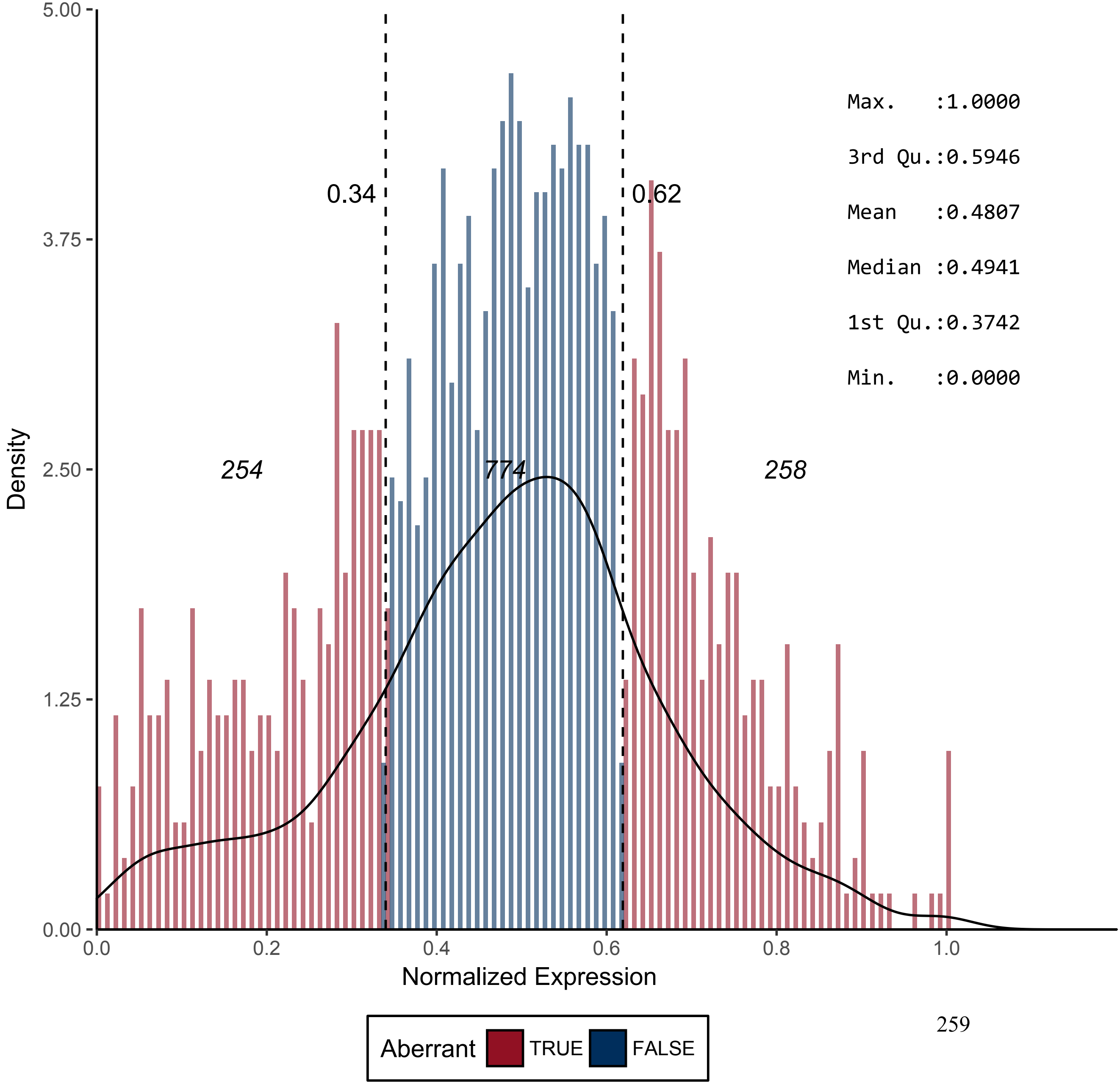


Figure 241 - CD232
Max.   :1.0000
3rd Qu.:0.6311
Mean   :0.5161
Median :0.5165
1st Qu.:0.3927
Min.   :0.0000
0.36
0.67
255
775
257
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 242 - CD233



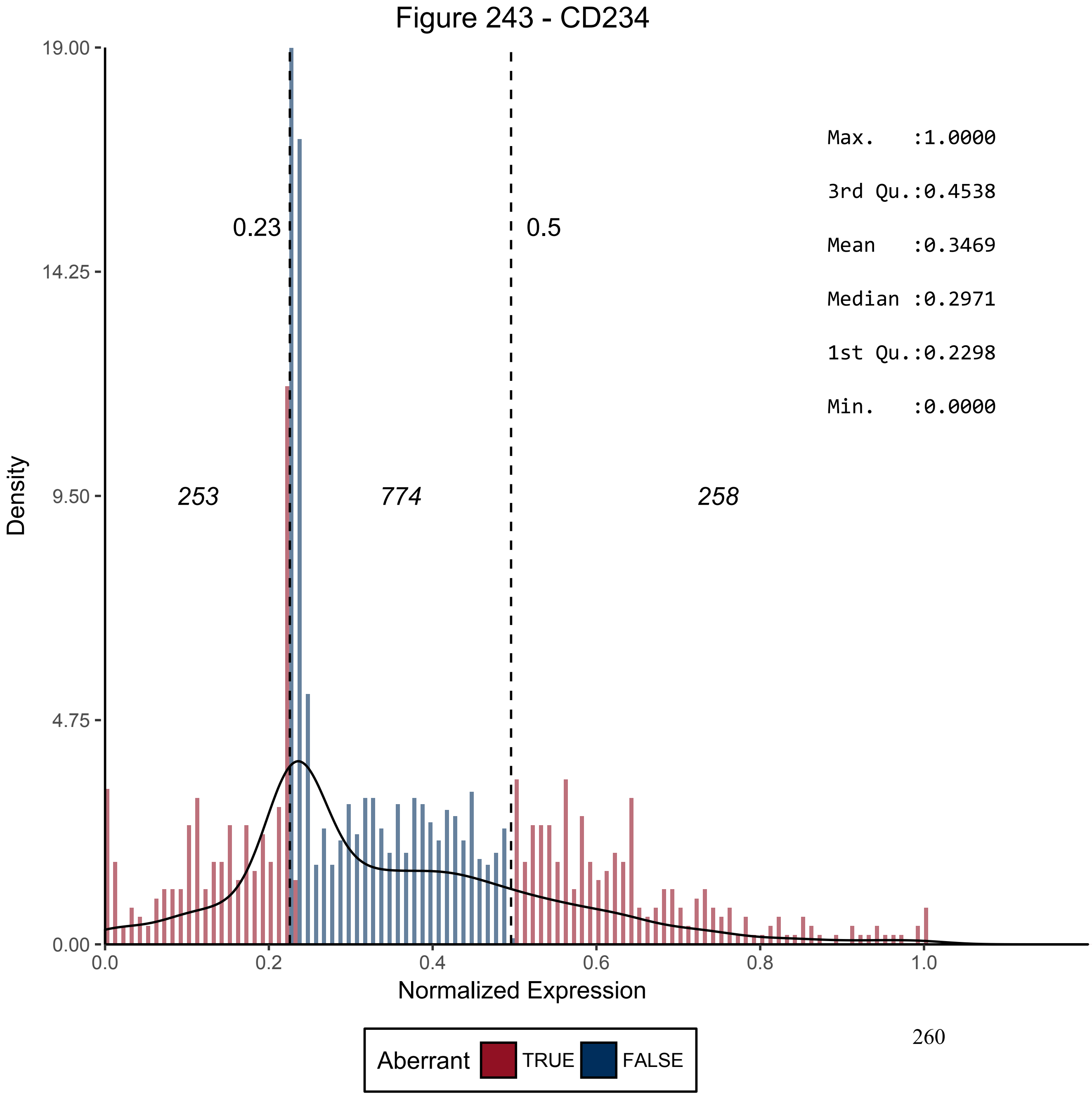


Figure 243 - CD234
Density
Normalized Expression
0.23
0.5
253
774
258
Max. :1.0000
3rd Qu.:0.4538
Mean :0.3469
Median :0.2971
1st Qu.:0.2298
Min. :0.0000
19.00
14.25
9.50
4.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

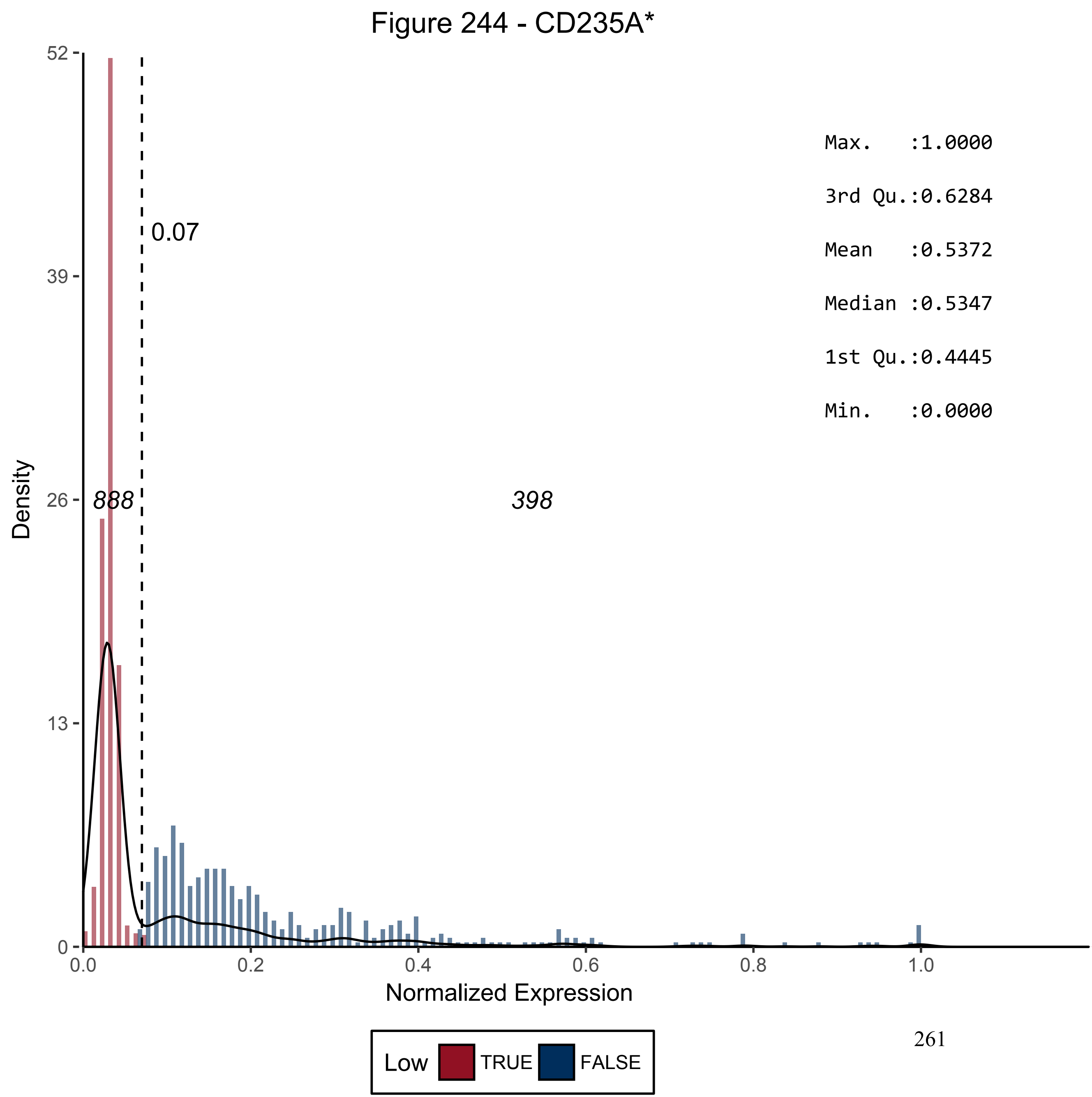


Figure 244 - CD235A*
Max. :1.0000
3rd Qu.:0.6284
Mean :0.5372
Median :0.5347
1st Qu.:0.4445
Min. :0.0000
0.07
888
398
Density
Normalized Expression
52
39
26
13
0
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

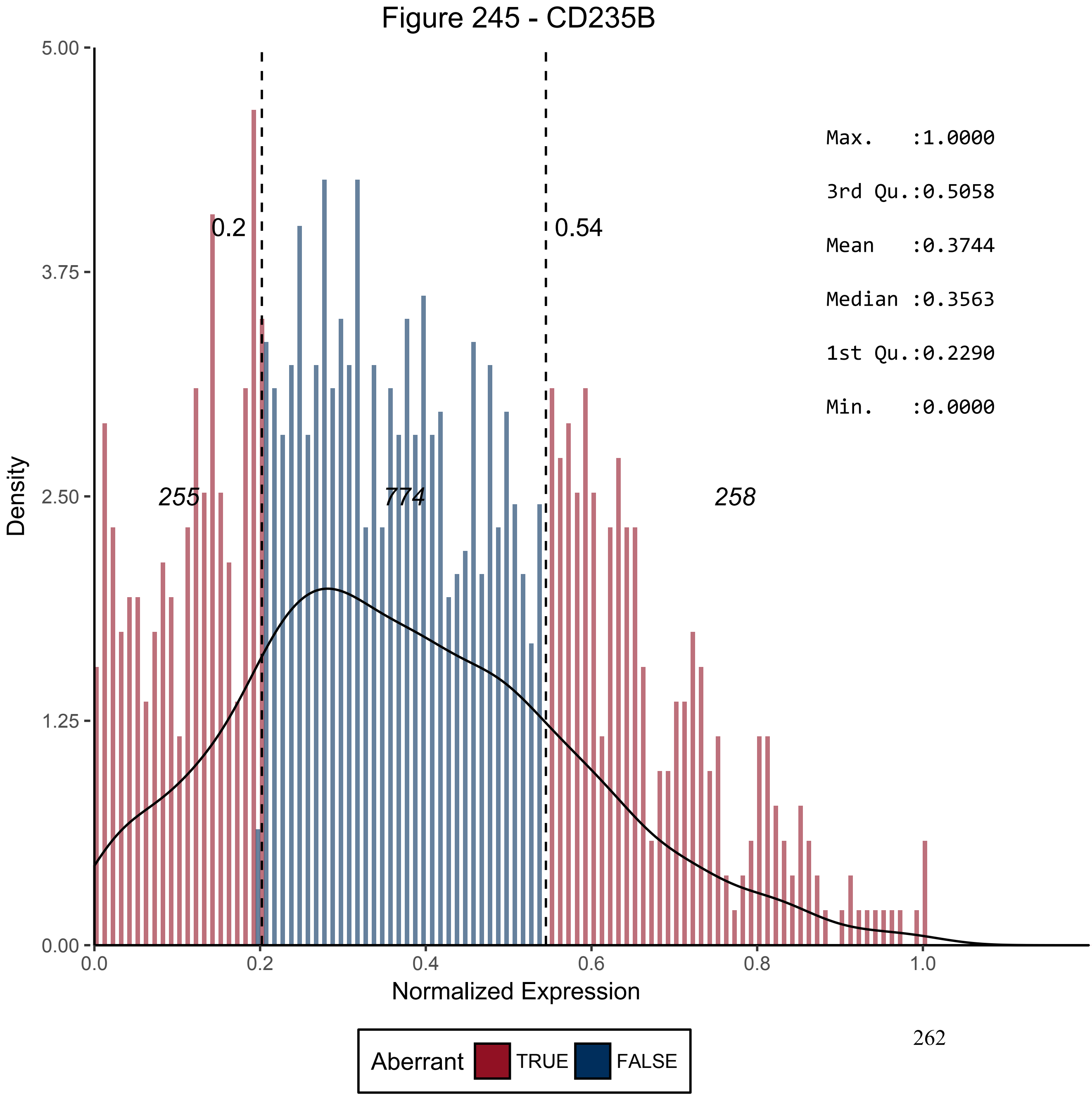


Figure 245 - CD235B
5.00
3.75
2.50
1.25
0.00
Density
0.2
0.54
255
774
258
Max. :1.0000
3rd Qu.:0.5058
Mean :0.3744
Median :0.3563
1st Qu.:0.2290
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

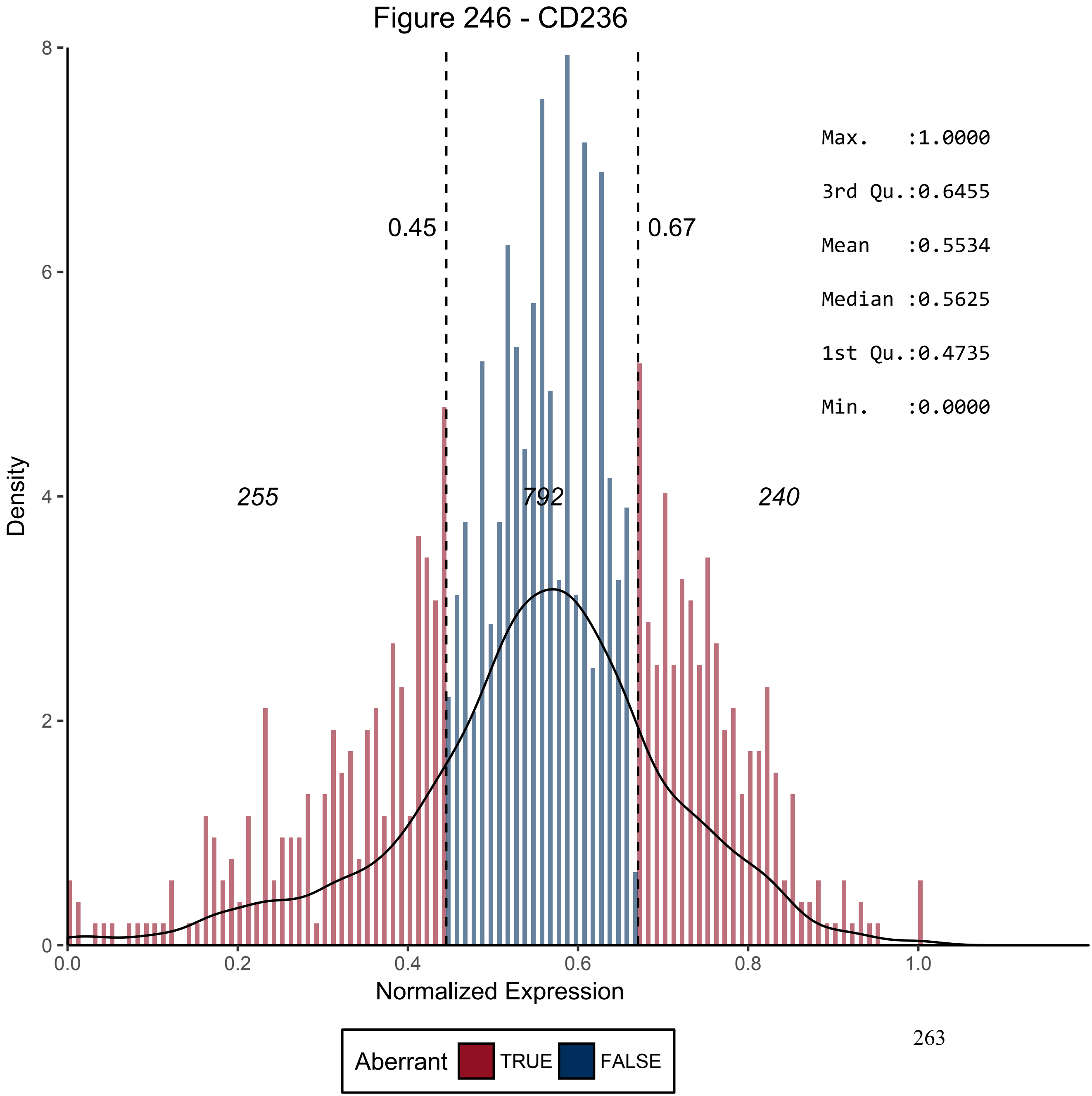


Figure 246 - CD236
0.45
0.67
Max. :1.0000
3rd Qu.:0.6455
Mean :0.5534
Median :0.5625
1st Qu.:0.4735
Min. :0.0000
255
792
240
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
2
4
6
8
Aberrant
TRUE
FALSE

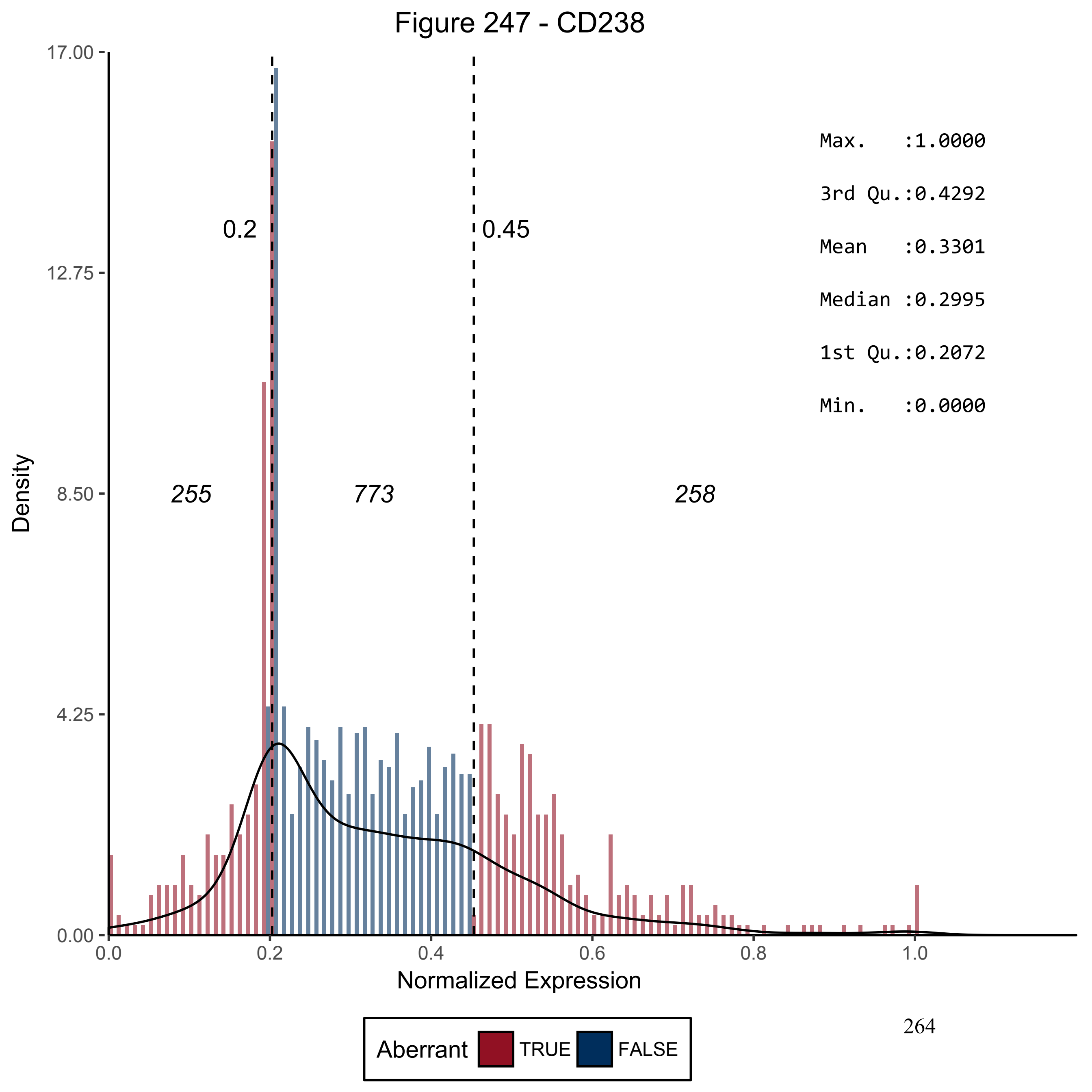
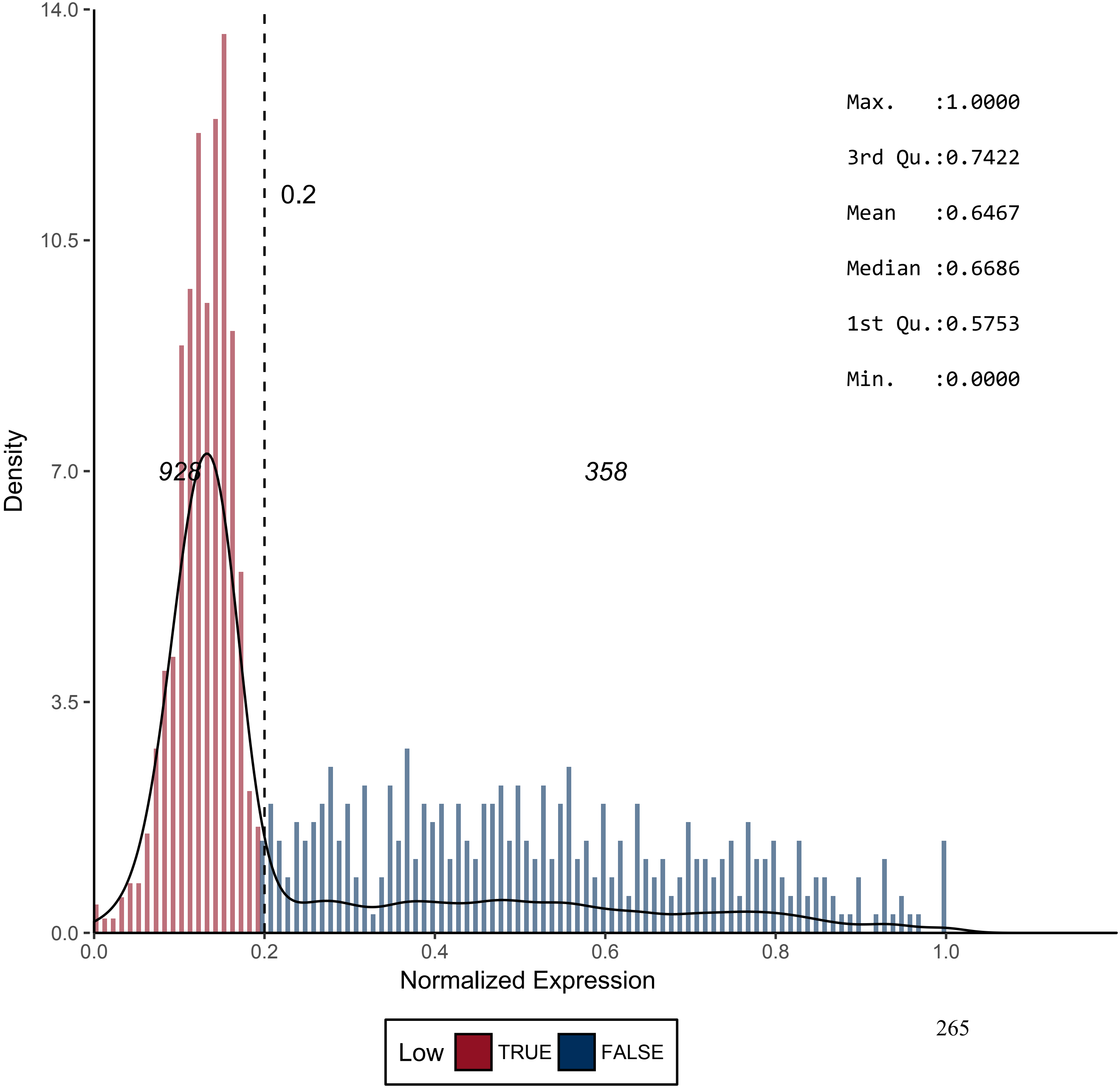


Figure 247 - CD238
17.00
12.75
8.50
4.25
0.00
Density
0.2
0.45
255
773
258
Max. :1.0000
3rd Qu.:0.4292
Mean :0.3301
Median :0.2995
1st Qu.:0.2072
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 248 - CD239*



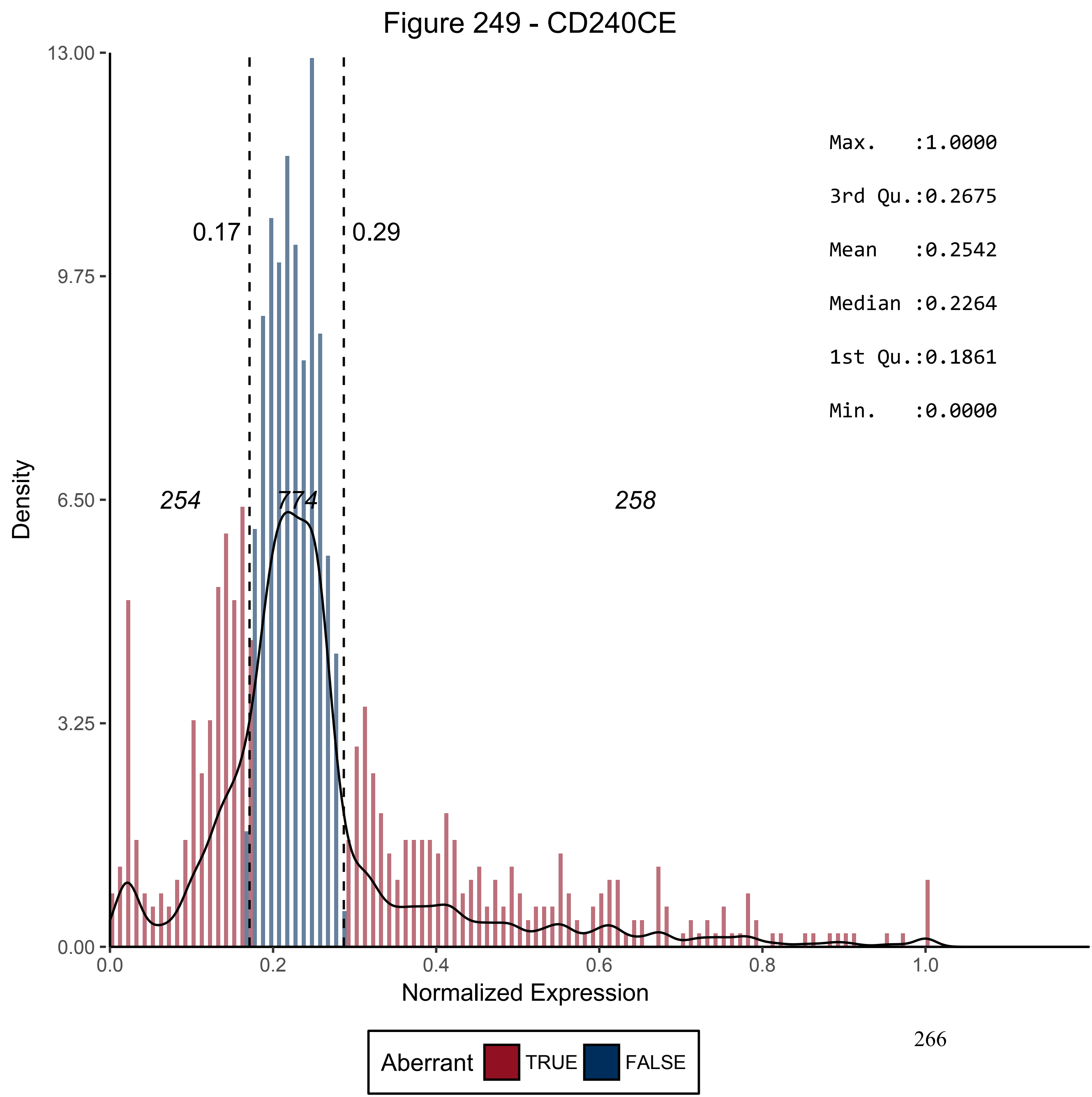
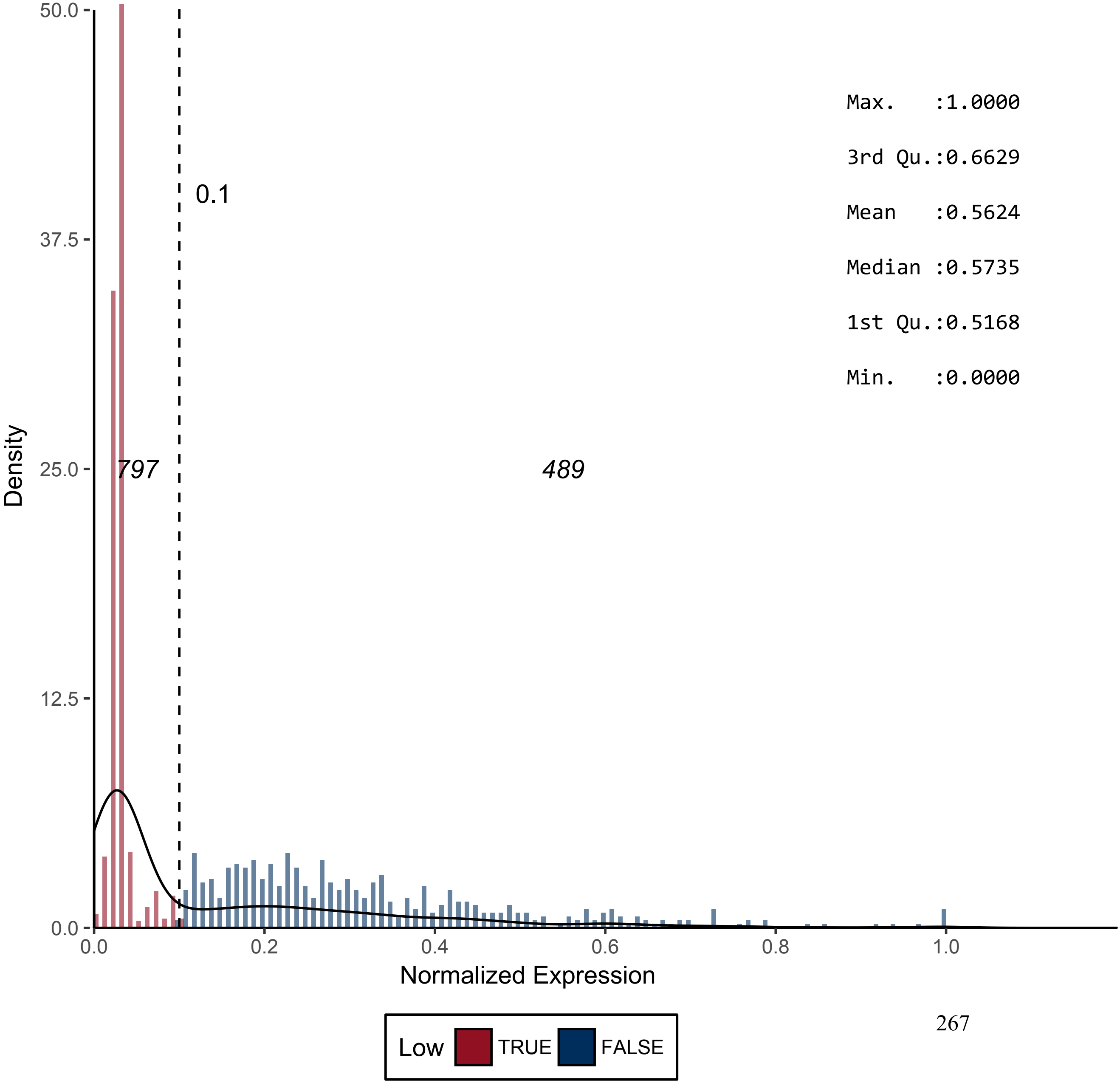


Figure 249 - CD240CE
13.00
9.75
6.50
3.25
0.00
Density
0.17
0.29
254
774
258
Max. :1.0000
3rd Qu.:0.2675
Mean :0.2542
Median :0.2264
1st Qu.:0.1861
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 250 - CD240D*



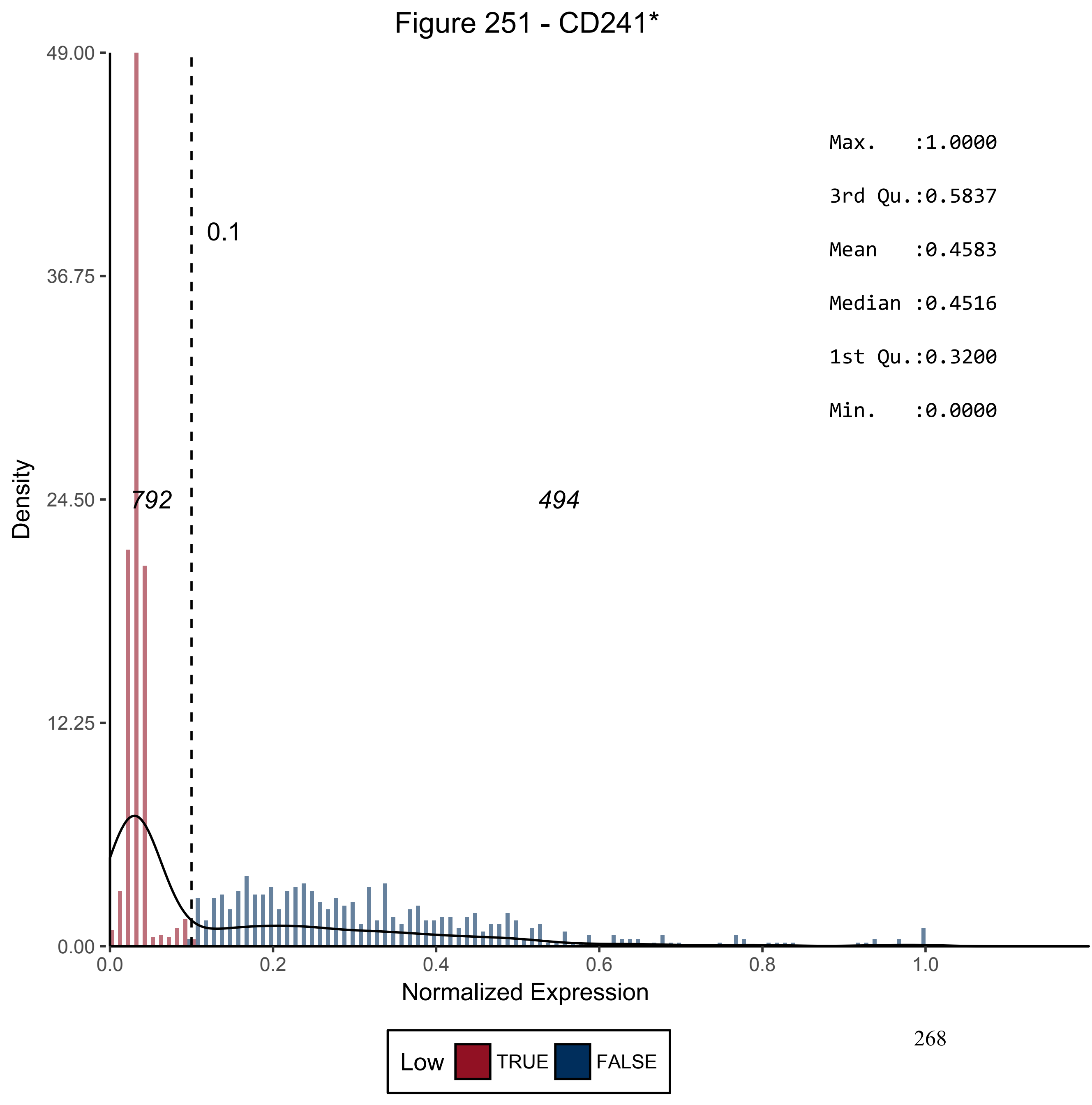


Figure 251 - CD241*
Max.   :1.0000
3rd Qu.:0.5837
Mean   :0.4583
Median :0.4516
1st Qu.:0.3200
Min.   :0.0000
0.1
792
494
Density
Normalized Expression
49.00
36.75
24.50
12.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

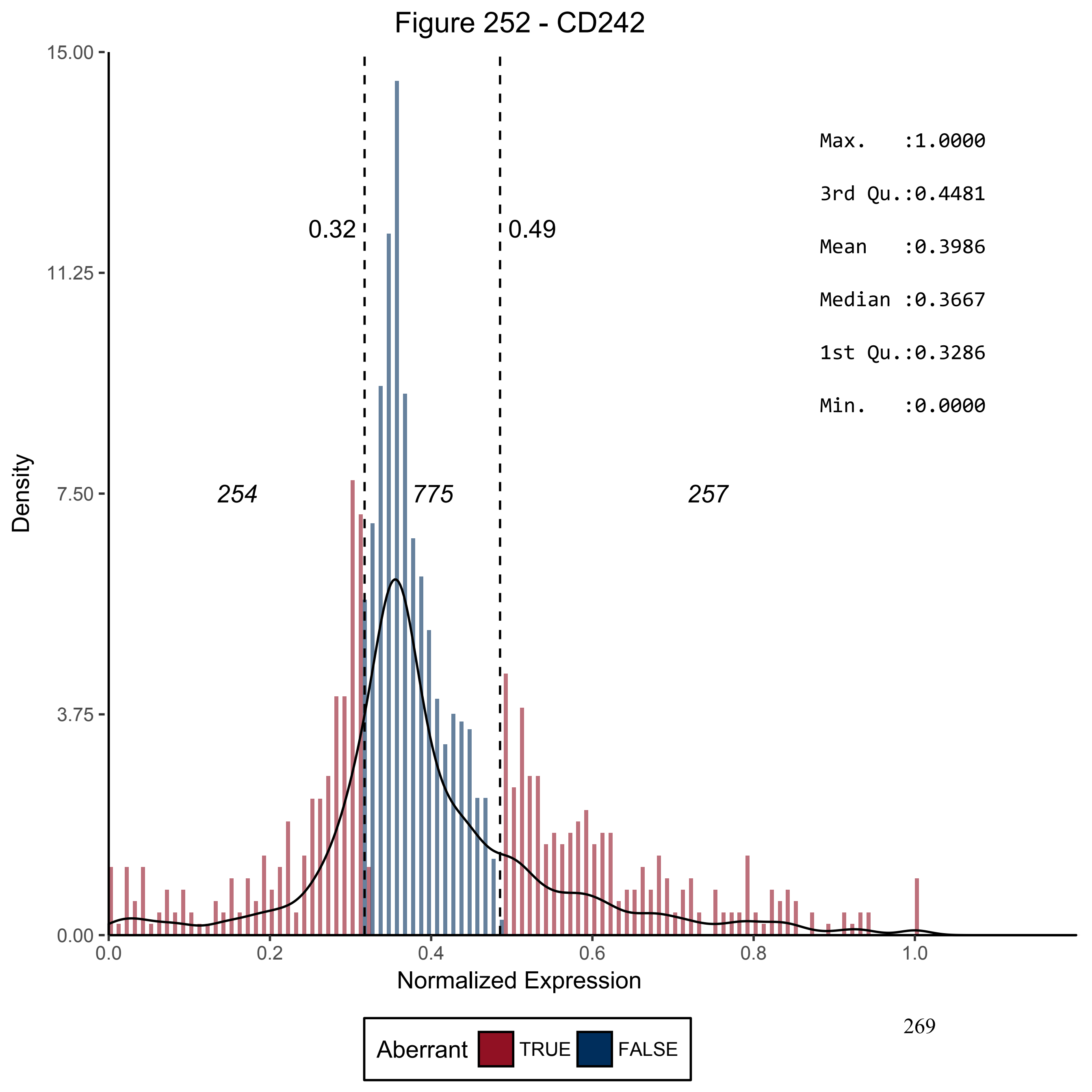


Figure 252 - CD242
Max. :1.0000
3rd Qu.:0.4481
Mean :0.3986
Median :0.3667
1st Qu.:0.3286
Min. :0.0000
0.32
0.49
254
775
257
Density
15.00
11.25
7.50
3.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

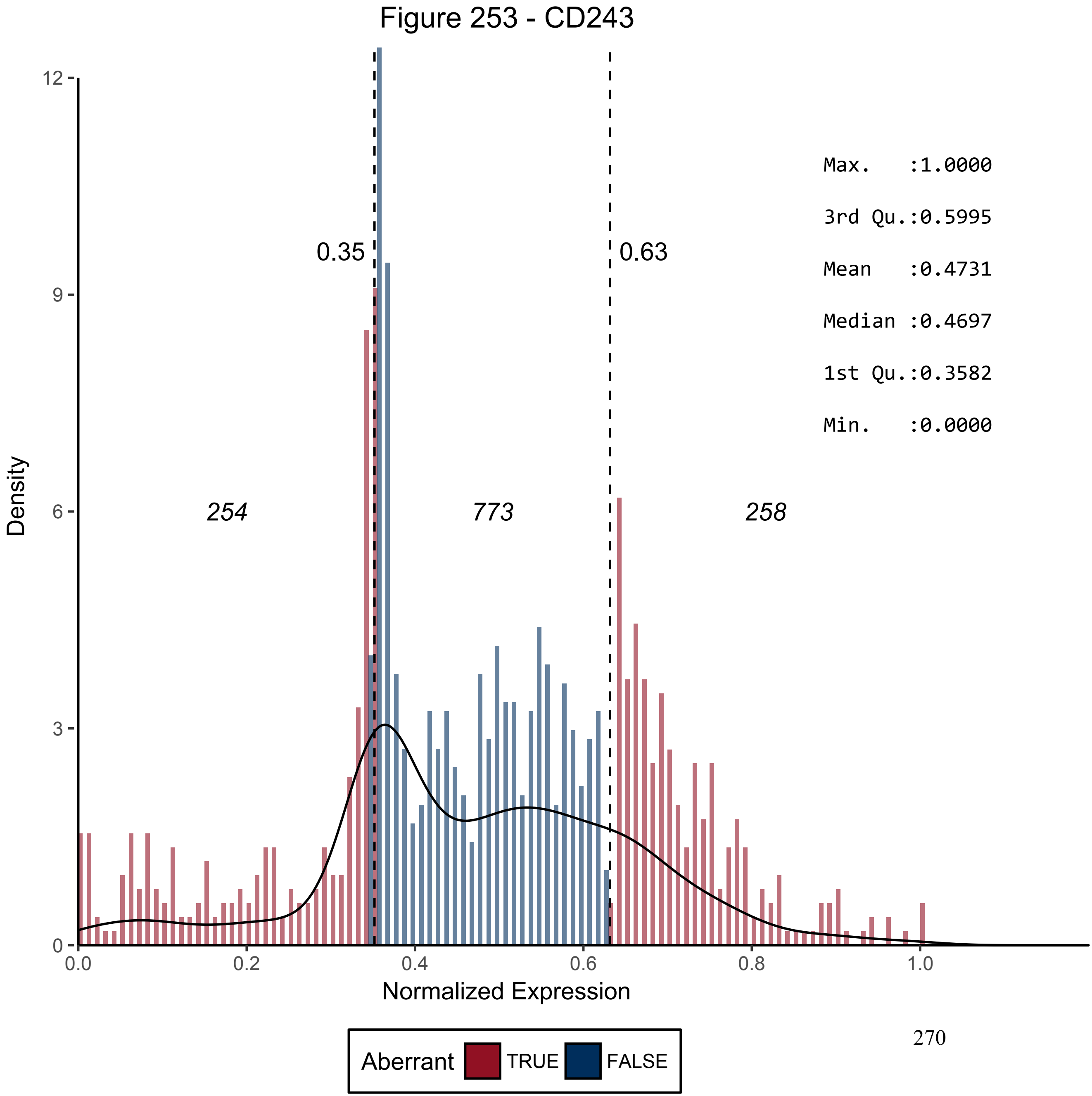


Figure 253 - CD243
Max. :1.0000
3rd Qu.:0.5995
Mean :0.4731
Median :0.4697
1st Qu.:0.3582
Min. :0.0000
0.35
0.63
254
773
258
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
3
6
9
12
Aberrant
TRUE
FALSE

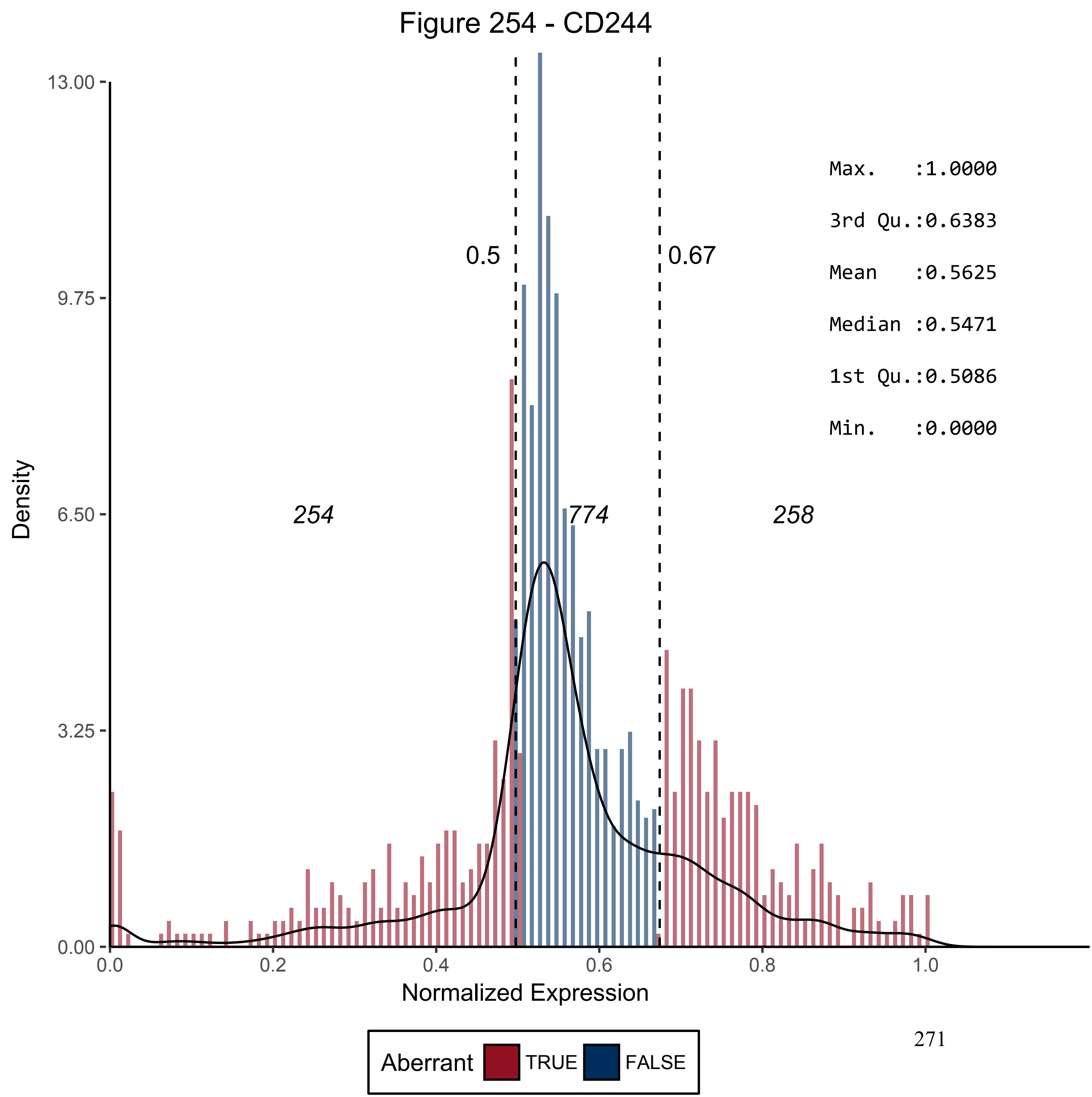


Figure 254 - CD244
Density
Normalized Expression
0.5
0.67
254
774
258
Max. :1.0000
3rd Qu.:0.6383
Mean :0.5625
Median :0.5471
1st Qu.:0.5086
Min. :0.0000
13.00
9.75
6.50
3.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 255 - CD246*

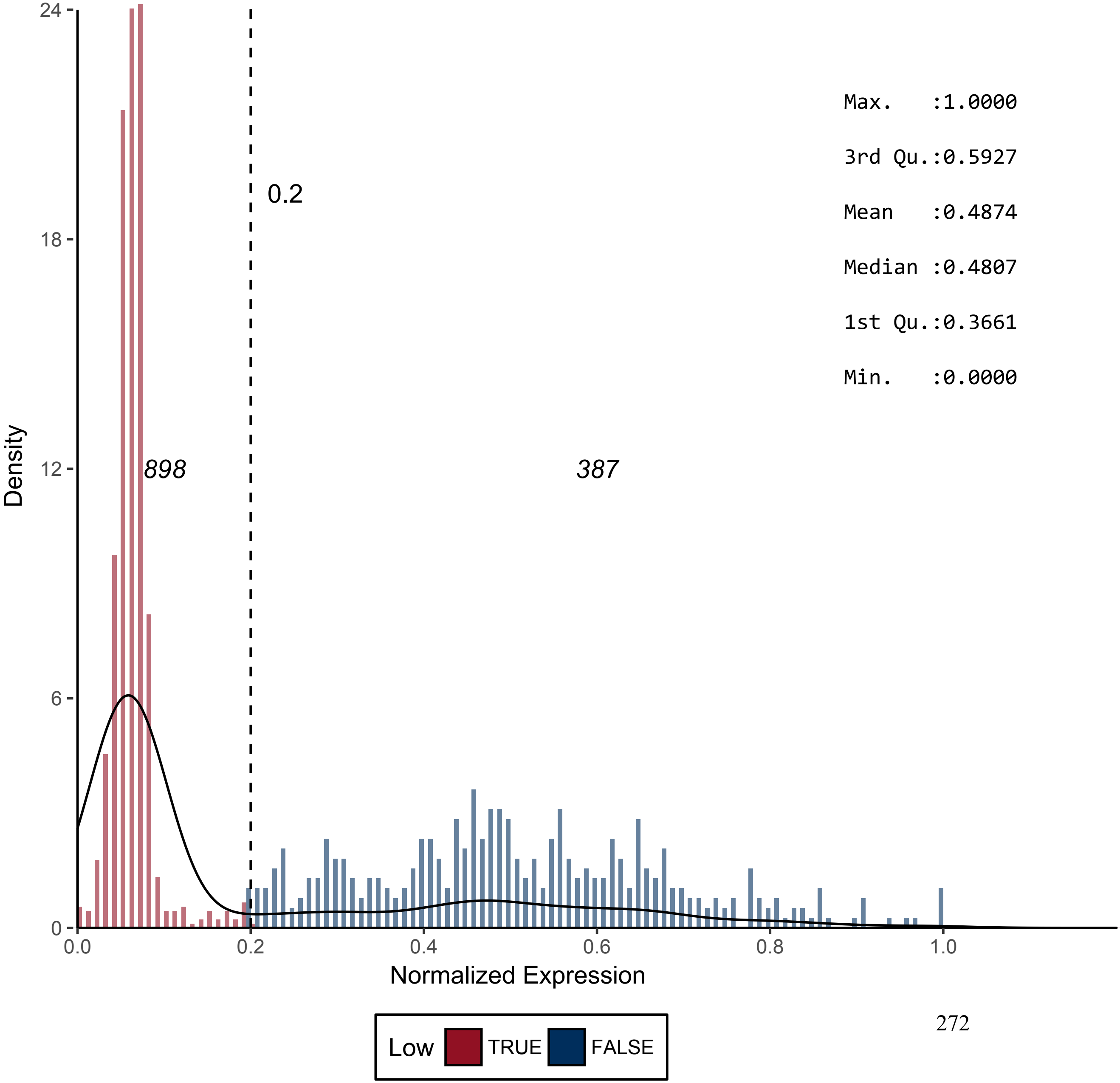
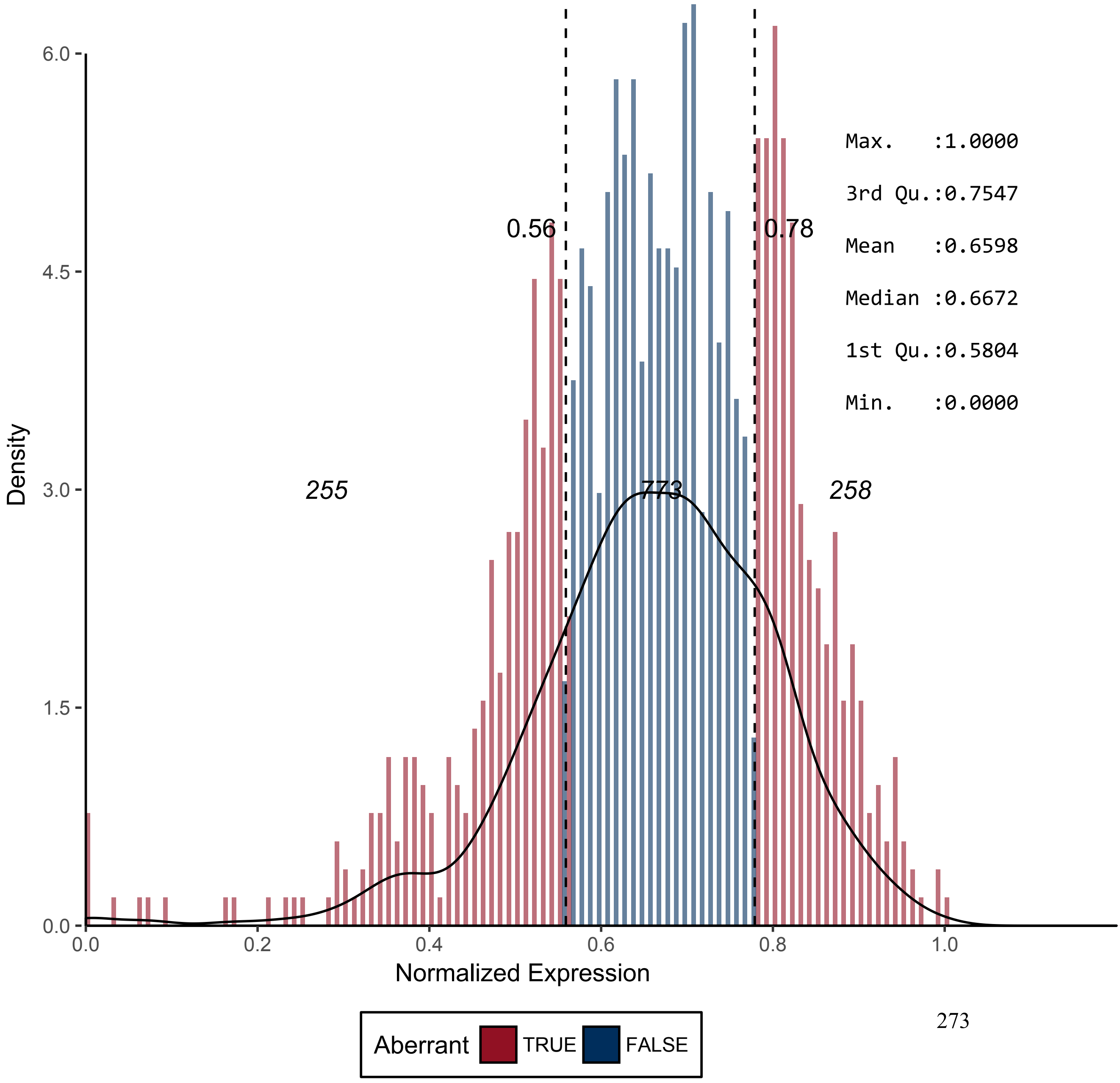


Figure 256 - CD247



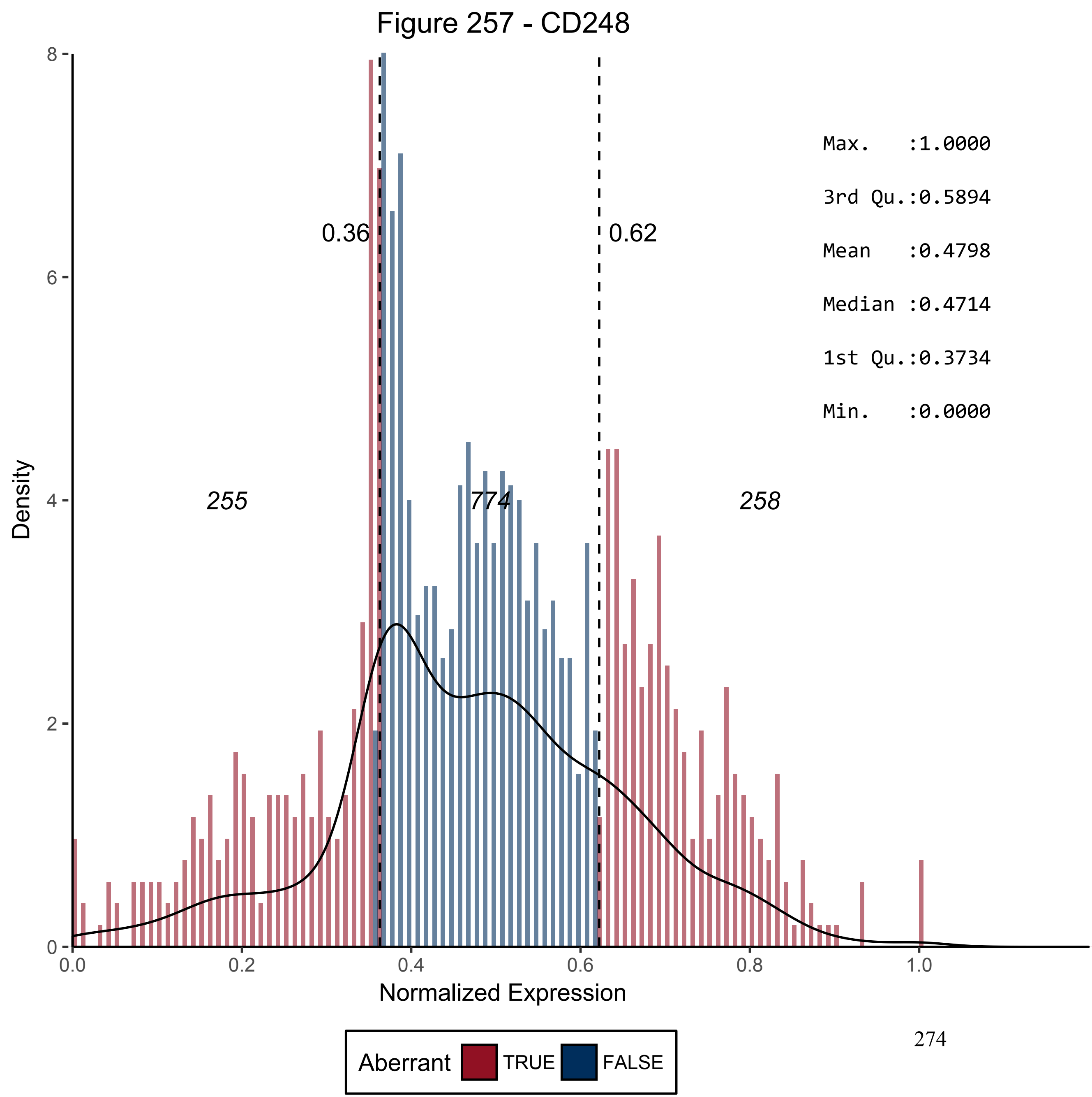


Figure 257 - CD248
Max. :1.0000
3rd Qu.:0.5894
Mean :0.4798
Median :0.4714
1st Qu.:0.3734
Min. :0.0000
0.36
0.62
255
774
258
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
2
4
6
8
Aberrant
TRUE
FALSE

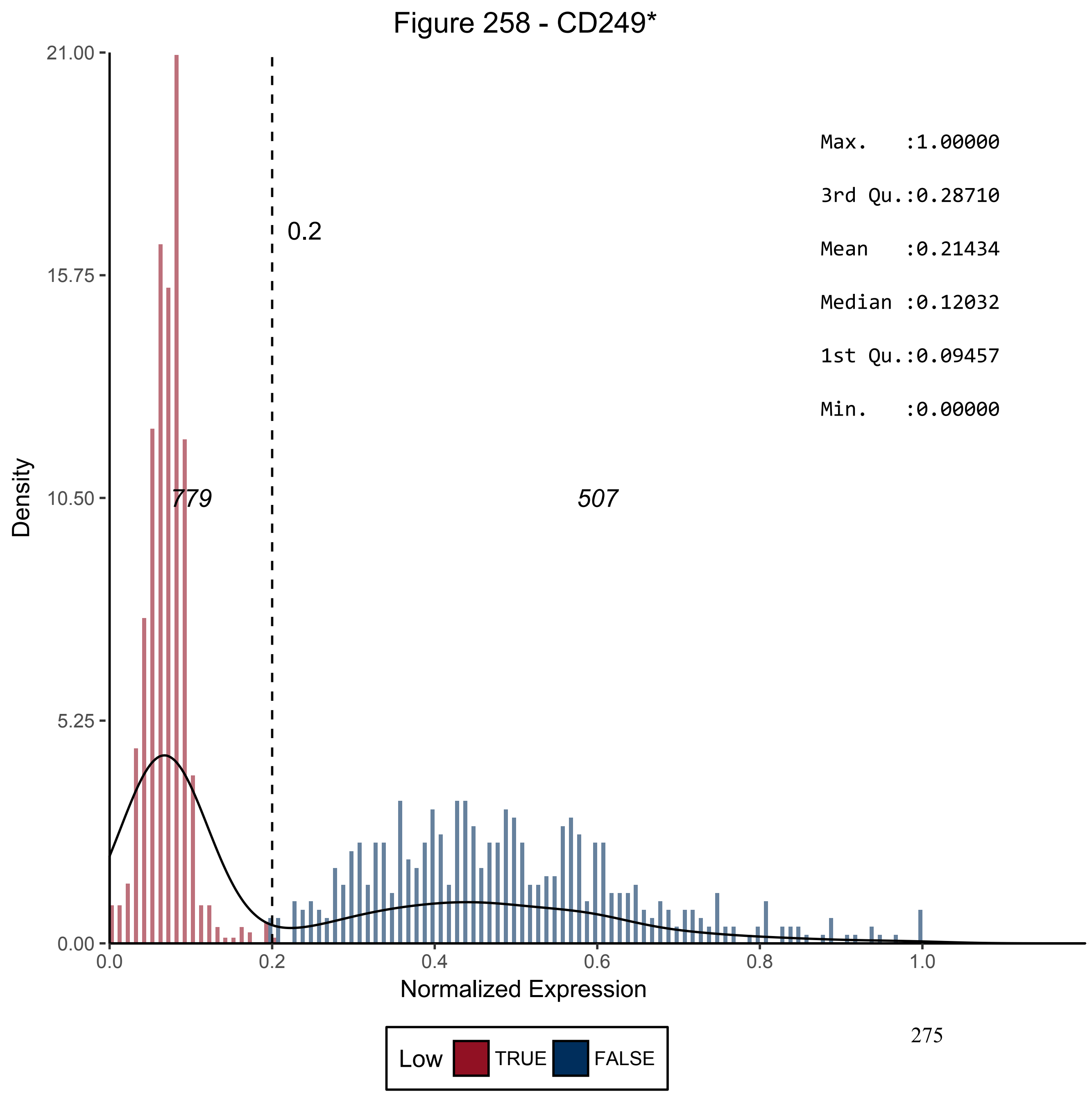


Figure 258 - CD249*
Density
Normalized Expression
0.2
779
507
Max.   :1.00000
3rd Qu.:0.28710
Mean   :0.21434
Median :0.12032
1st Qu.:0.09457
Min.   :0.00000
21.00
15.75
10.50
5.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

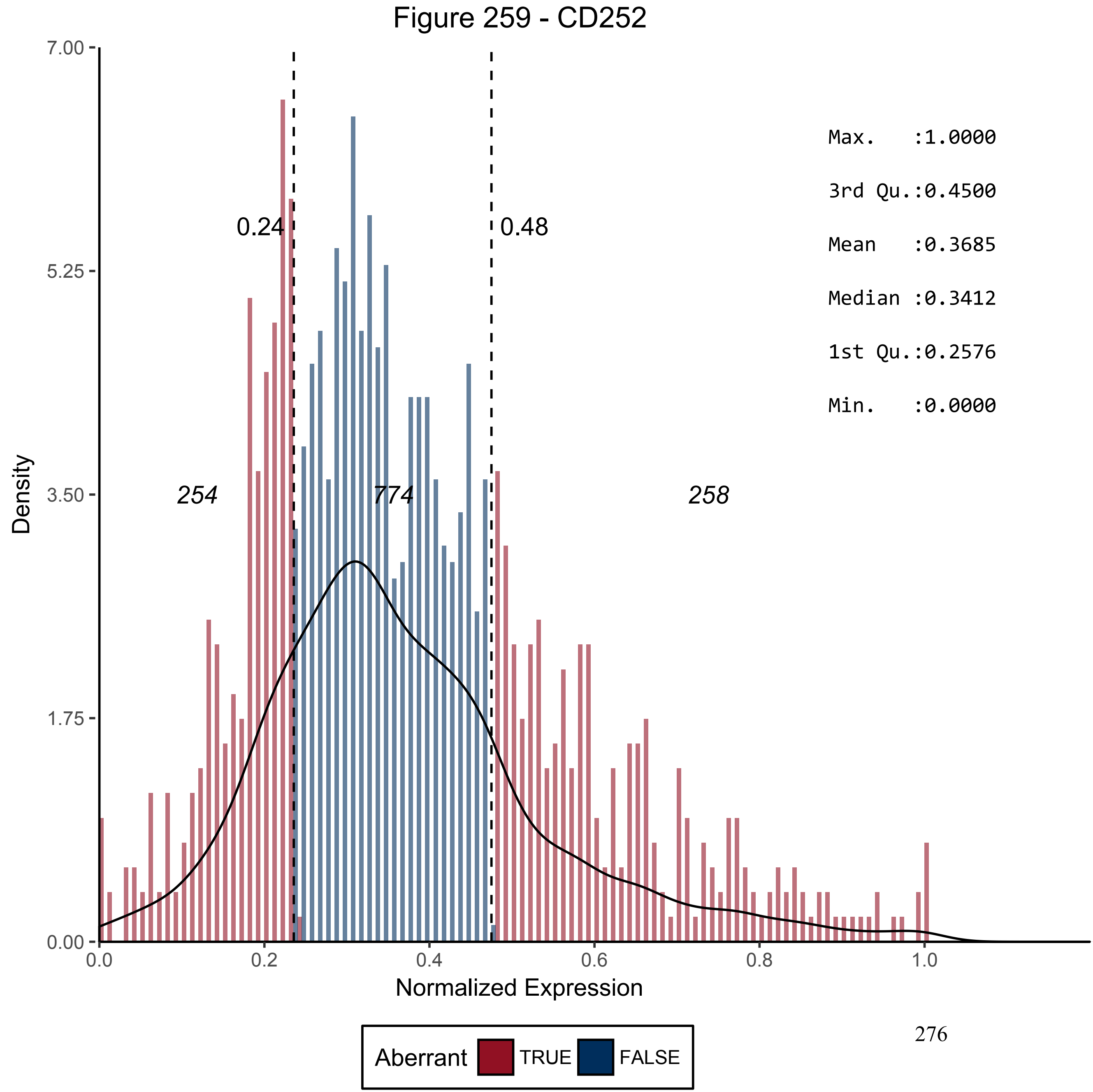


Figure 259 - CD252
Max. :1.0000
3rd Qu.:0.4500
Mean :0.3685
Median :0.3412
1st Qu.:0.2576
Min. :0.0000
0.24
0.48
254
774
258
Density
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

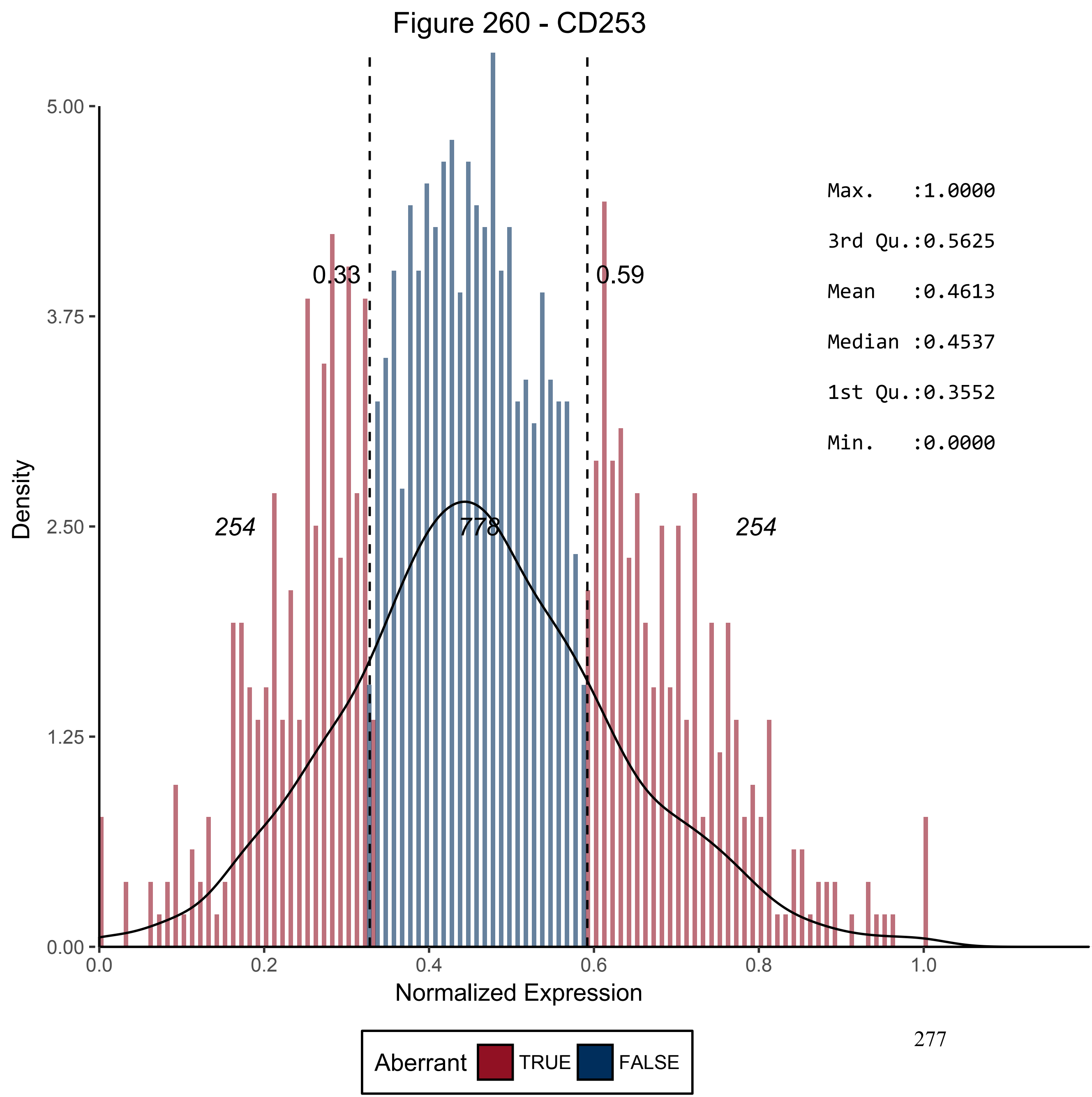


Figure 260 - CD253
Max.   :1.0000
3rd Qu.:0.5625
Mean   :0.4613
Median :0.4537
1st Qu.:0.3552
Min.   :0.0000
0.33
0.59
254
778
254
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

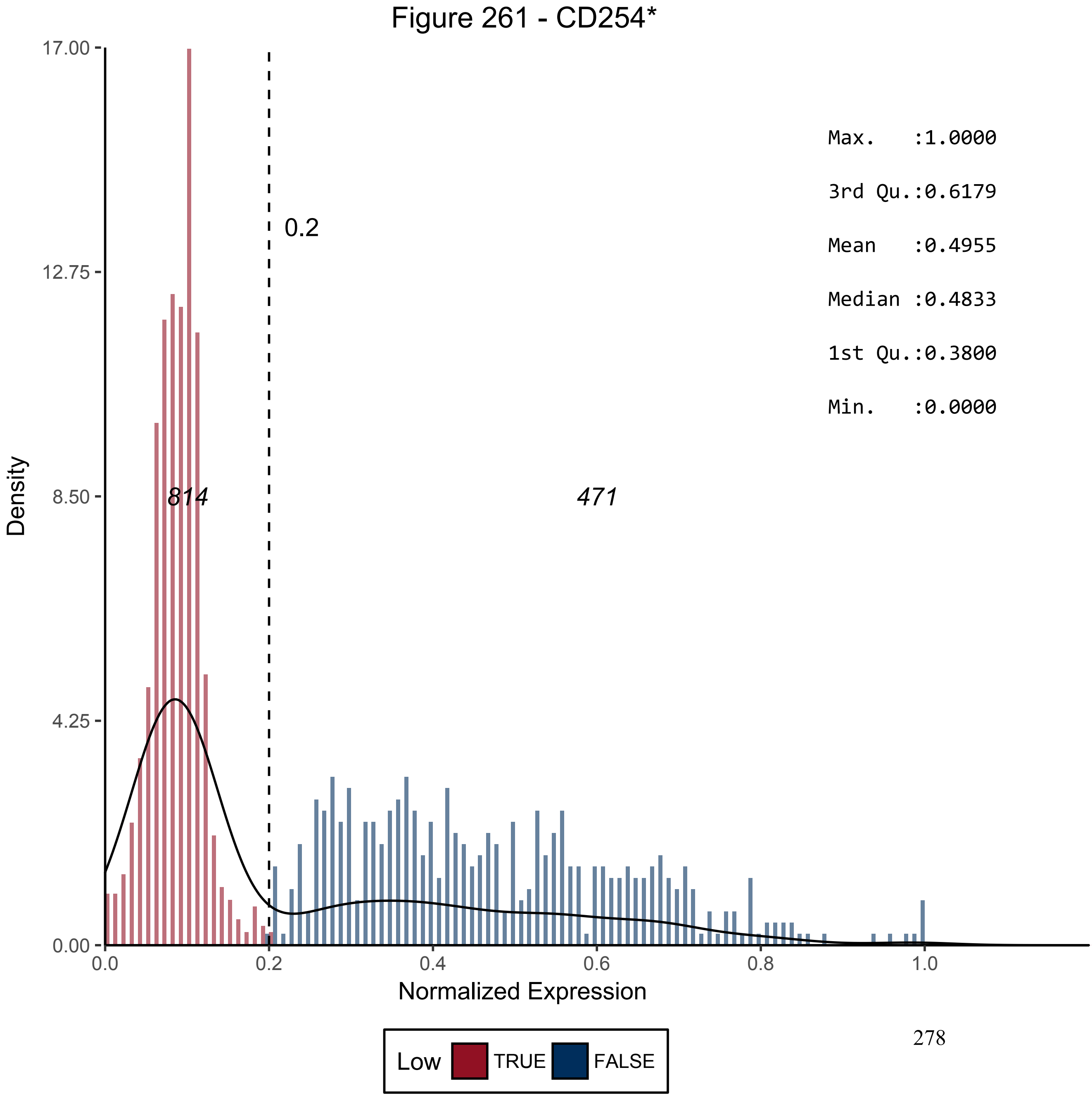


Figure 261 - CD254*
17.00
12.75
8.50
4.25
0.00
Density
0.2
814
471
Max.   :1.0000
3rd Qu.:0.6179
Mean   :0.4955
Median :0.4833
1st Qu.:0.3800
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

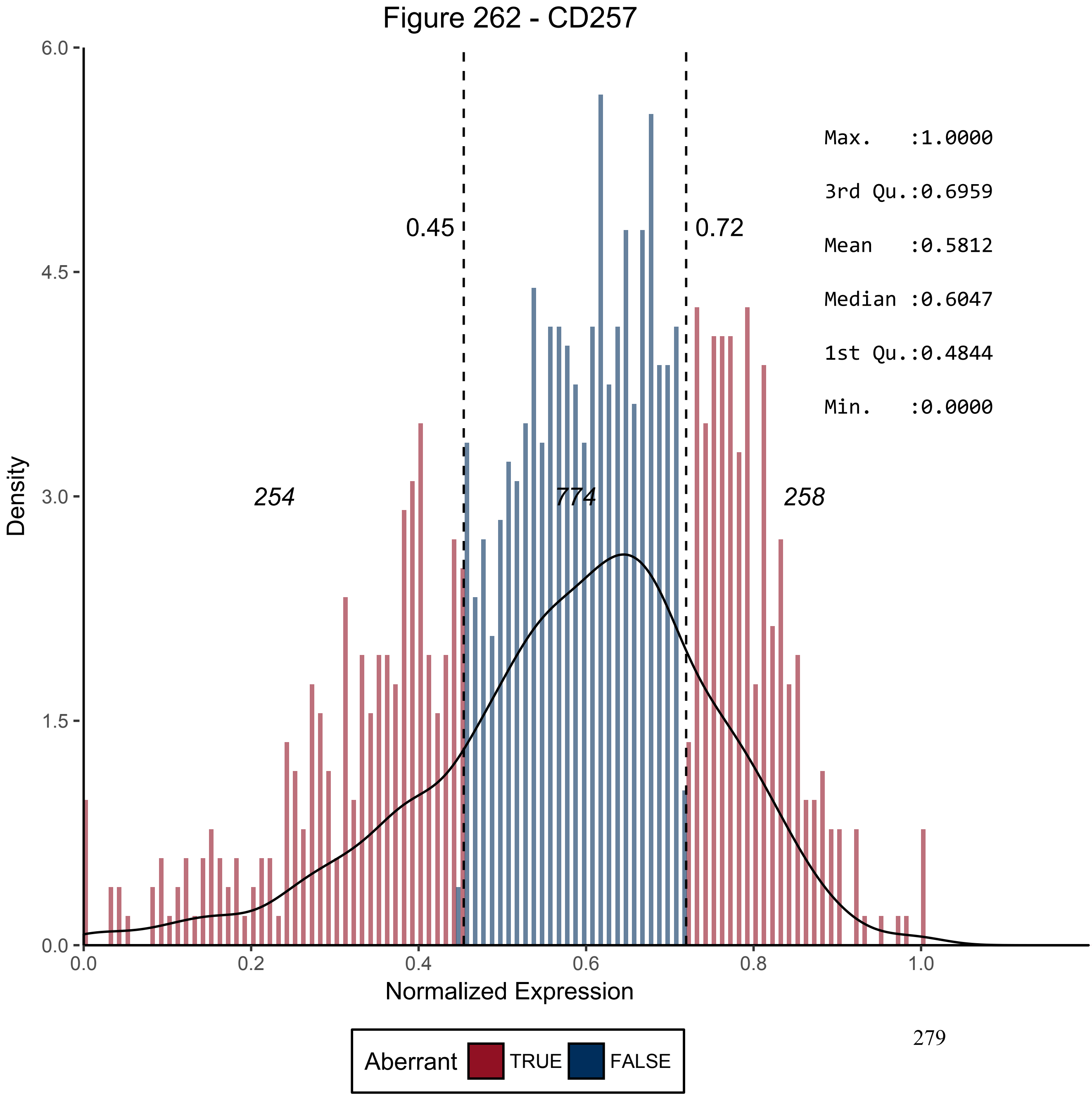


Figure 262 - CD257
Max. :1.0000
3rd Qu.:0.6959
Mean :0.5812
Median :0.6047
1st Qu.:0.4844
Min. :0.0000
0.45
0.72
254
774
258
Density
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

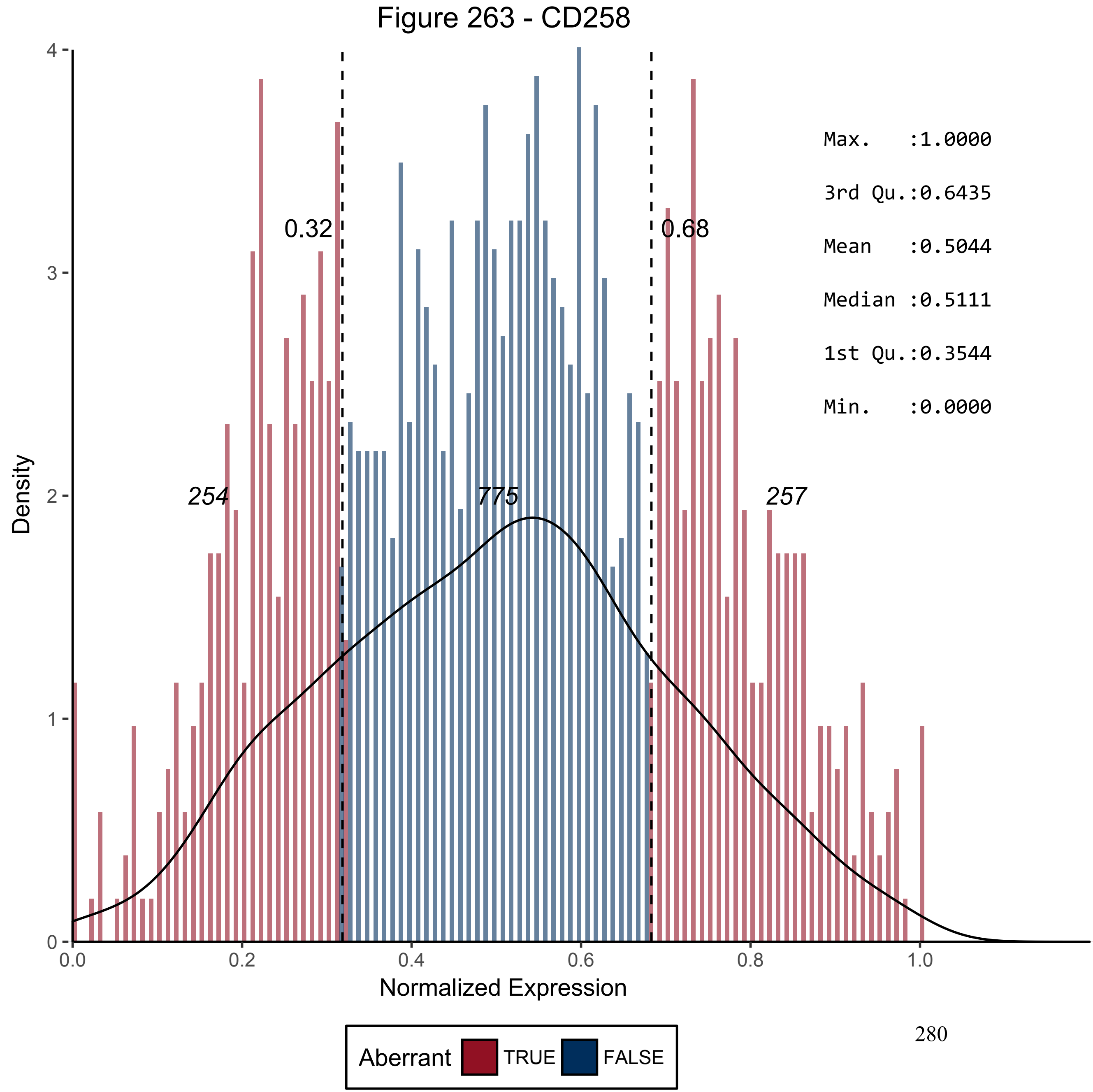


Figure 263 - CD258
0.32
0.68
Max. :1.0000
3rd Qu.:0.6435
Mean :0.5044
Median :0.5111
1st Qu.:0.3544
Min. :0.0000
254
775
257
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
4
Aberrant
TRUE
FALSE

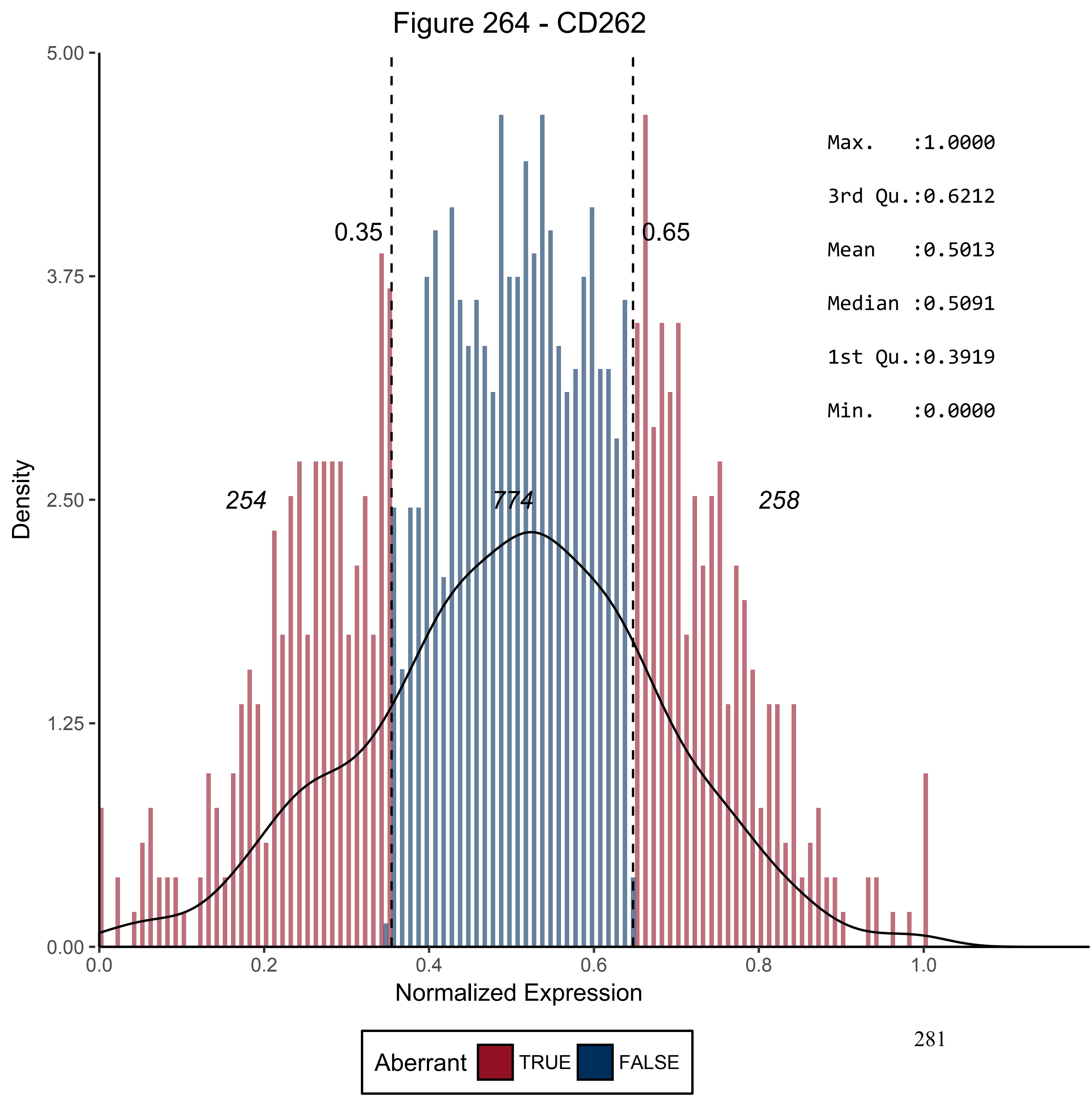


Figure 264 - CD262
5.00
3.75
2.50
1.25
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.35
0.65
254
774
258
Max. :1.0000
3rd Qu.:0.6212
Mean :0.5013
Median :0.5091
1st Qu.:0.3919
Min. :0.0000
Aberrant
TRUE
FALSE

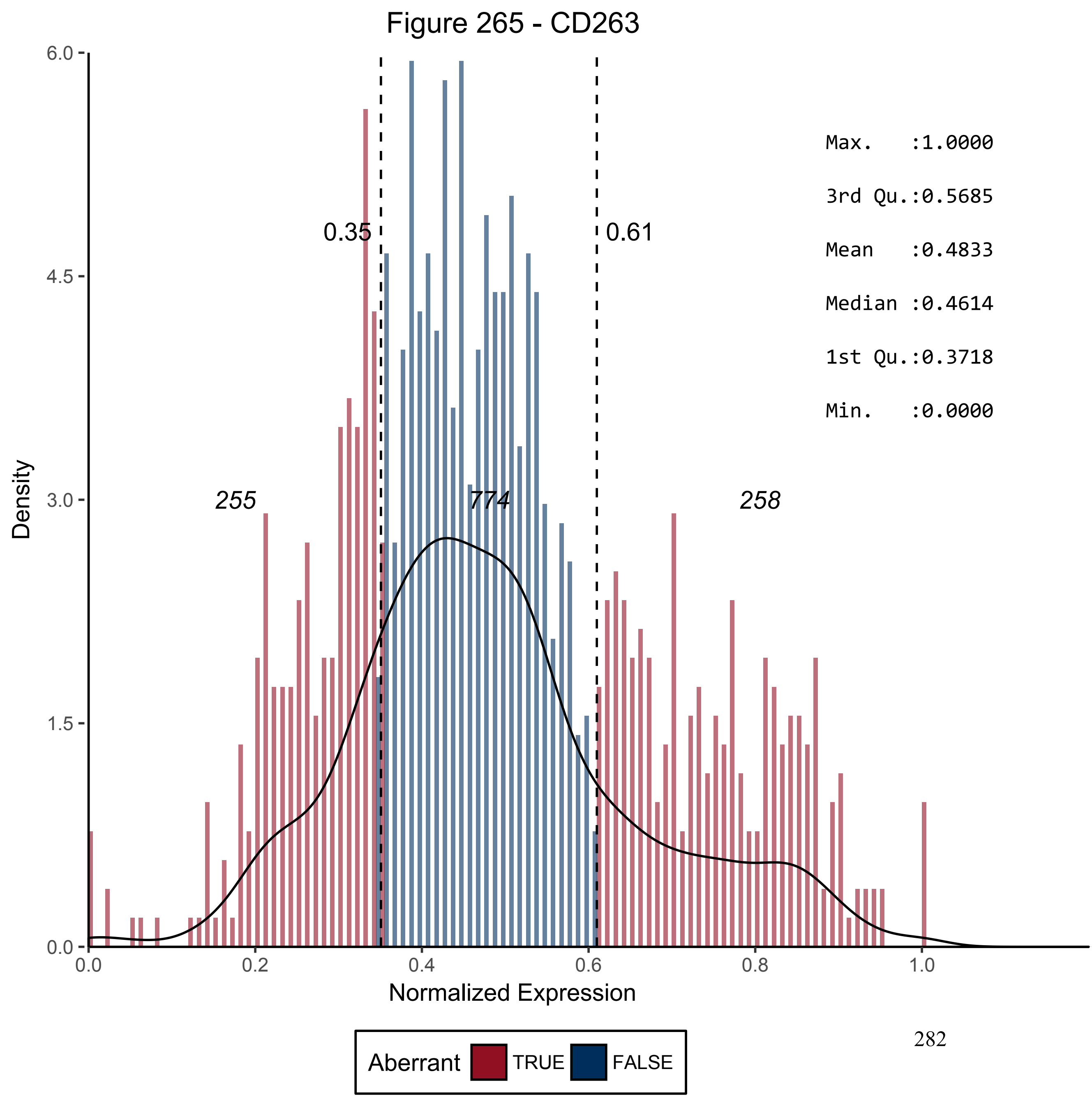


Figure 265 - CD263
Density
Normalized Expression
0.35
0.61
255
774
258
Max. :1.0000
3rd Qu.:0.5685
Mean :0.4833
Median :0.4614
1st Qu.:0.3718
Min. :0.0000
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

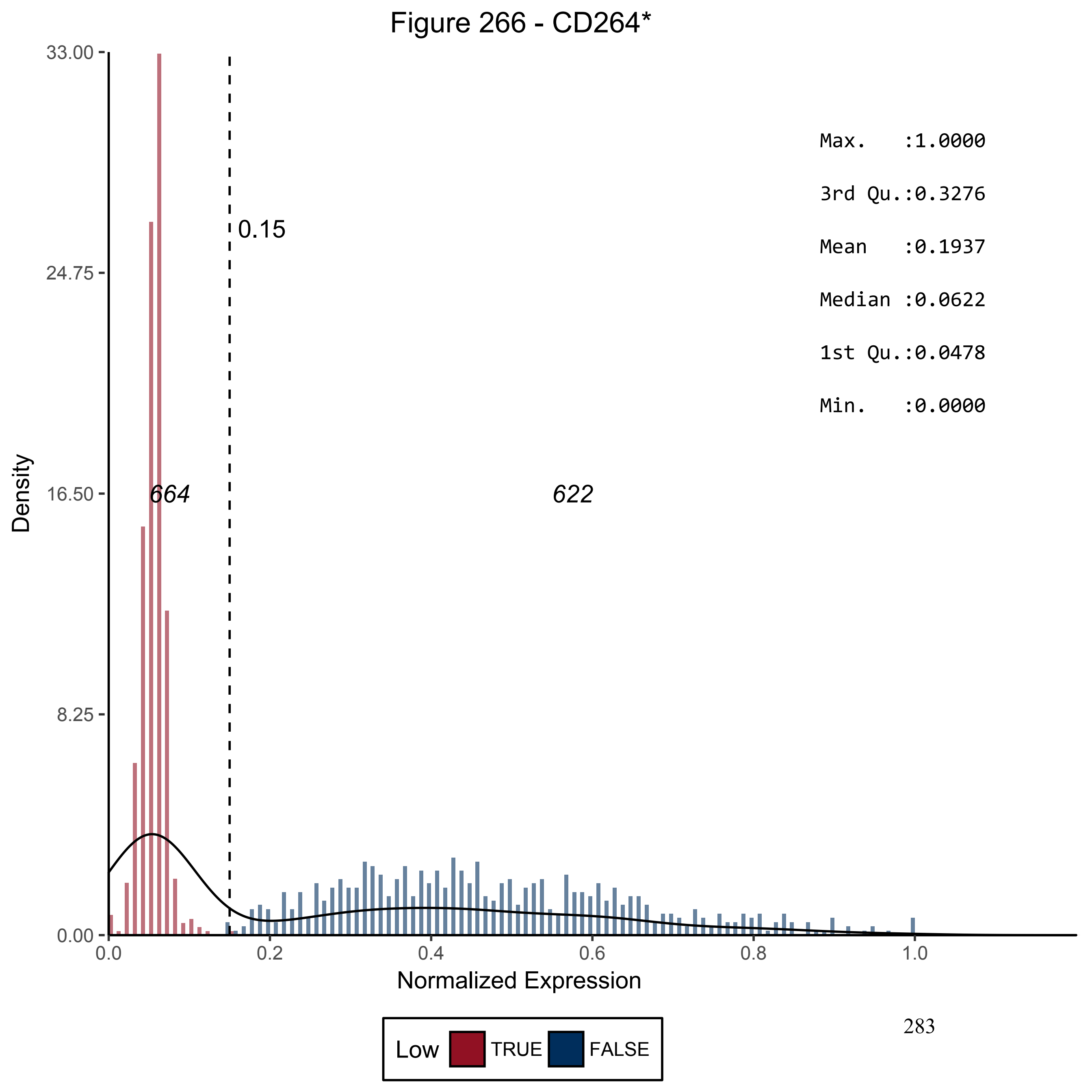


Figure 266 - CD264*
33.00
24.75
16.50
8.25
0.00
Density
0.15
664
622
Max. :1.0000
3rd Qu.:0.3276
Mean :0.1937
Median :0.0622
1st Qu.:0.0478
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

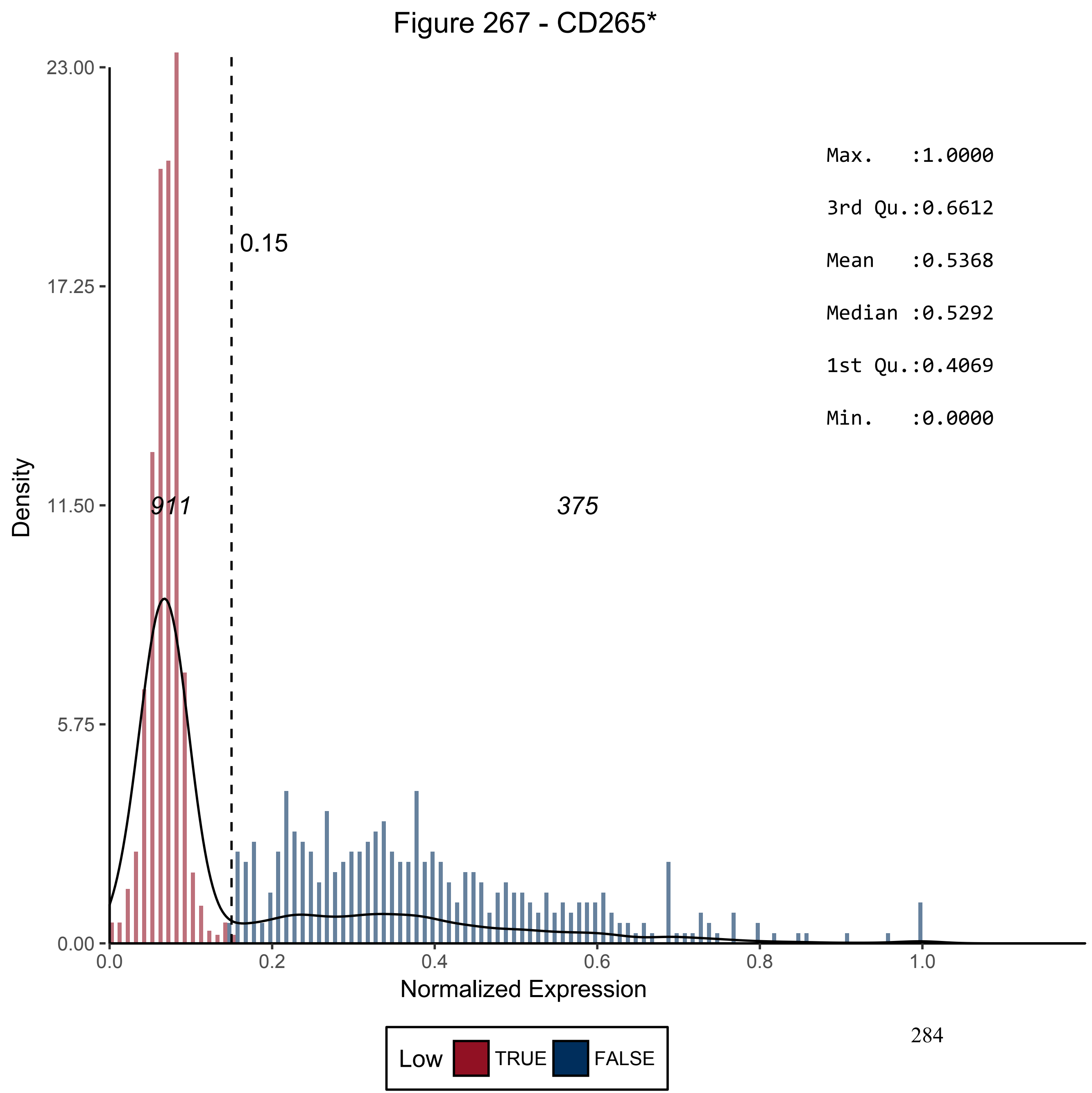


Figure 267 - CD265*
23.00
17.25
11.50
5.75
0.00
Density
0.15
911
375
Max. :1.0000
3rd Qu.:0.6612
Mean :0.5368
Median :0.5292
1st Qu.:0.4069
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

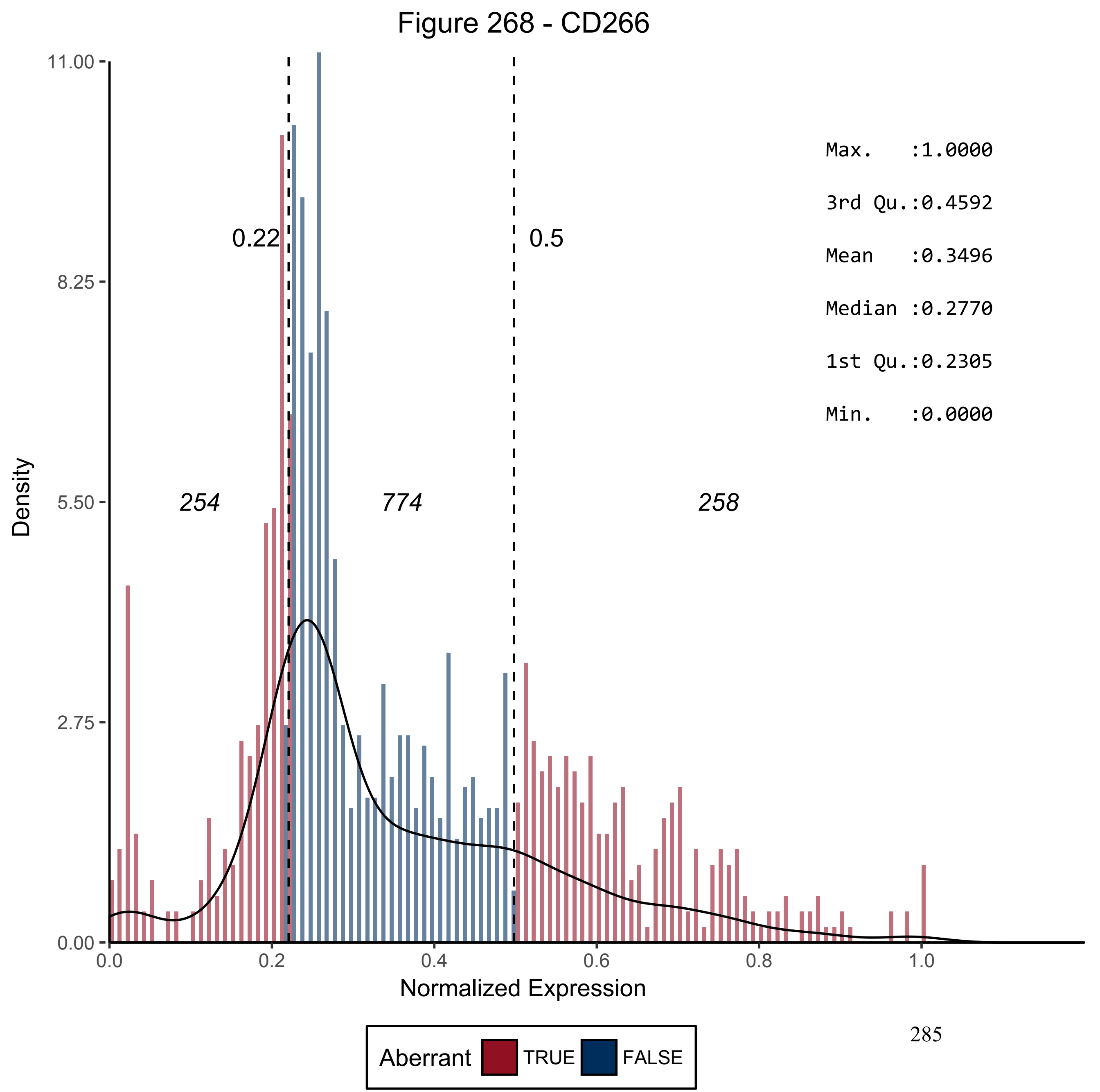
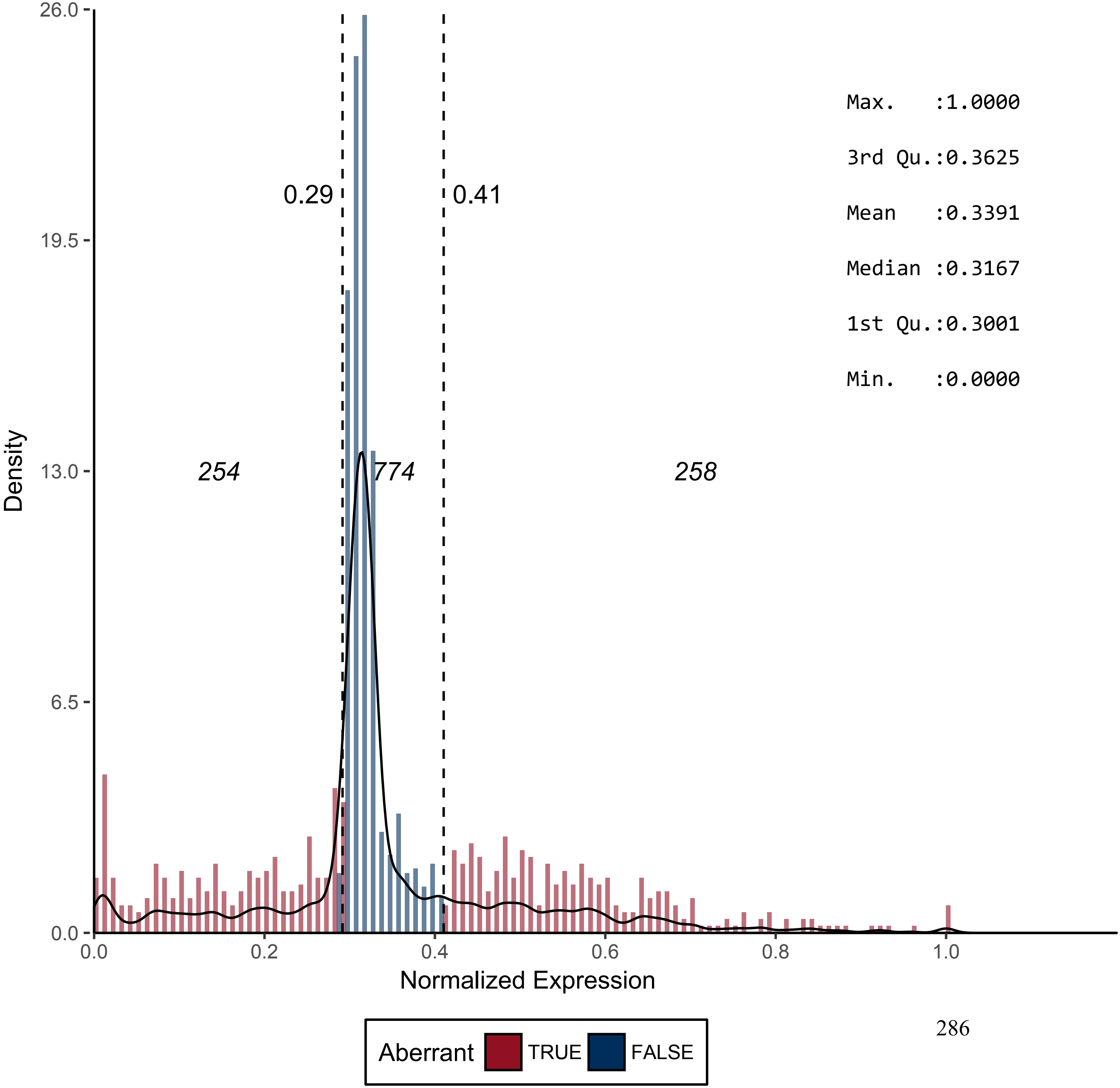


Figure 268 - CD266
Max. :1.0000
3rd Qu.:0.4592
Mean :0.3496
Median :0.2770
1st Qu.:0.2305
Min. :0.0000
0.22
0.5
254
774
258
Density
11.00
8.25
5.50
2.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 269 - CD267



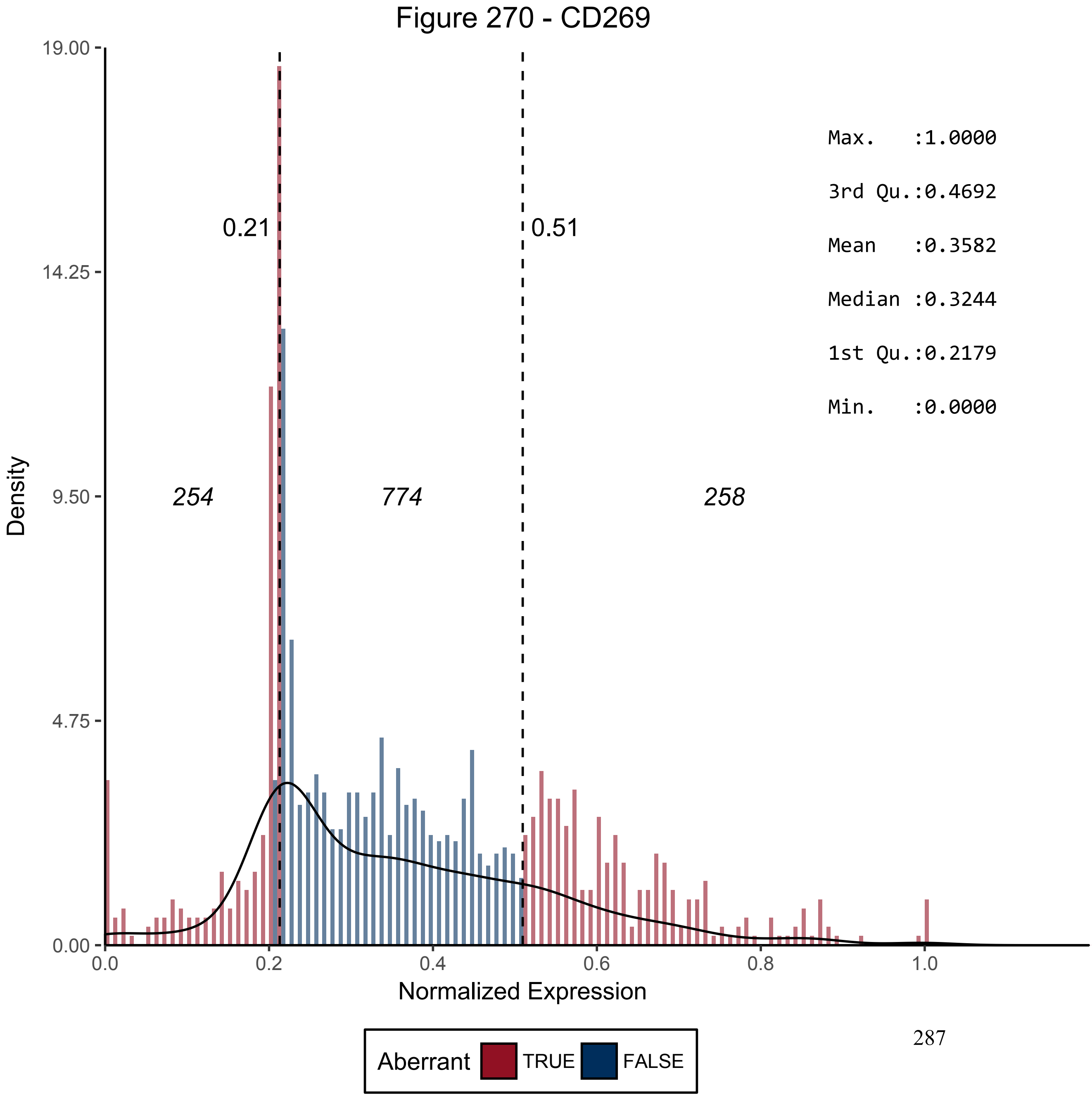


Figure 270 - CD269
19.00
14.25
9.50
4.75
0.00
Density
0.21
0.51
254
774
258
Max.   :1.0000
3rd Qu.:0.4692
Mean   :0.3582
Median :0.3244
1st Qu.:0.2179
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

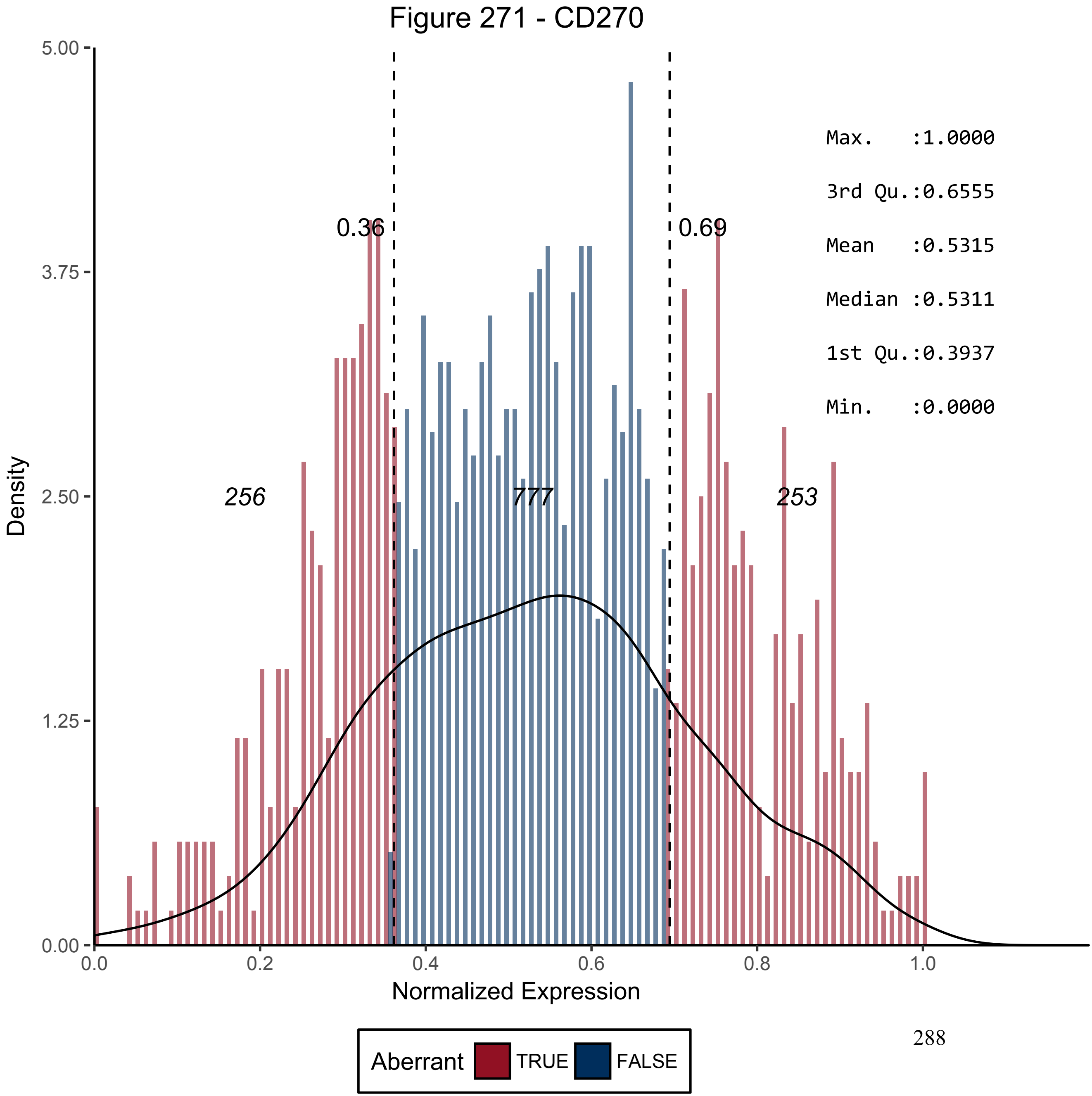
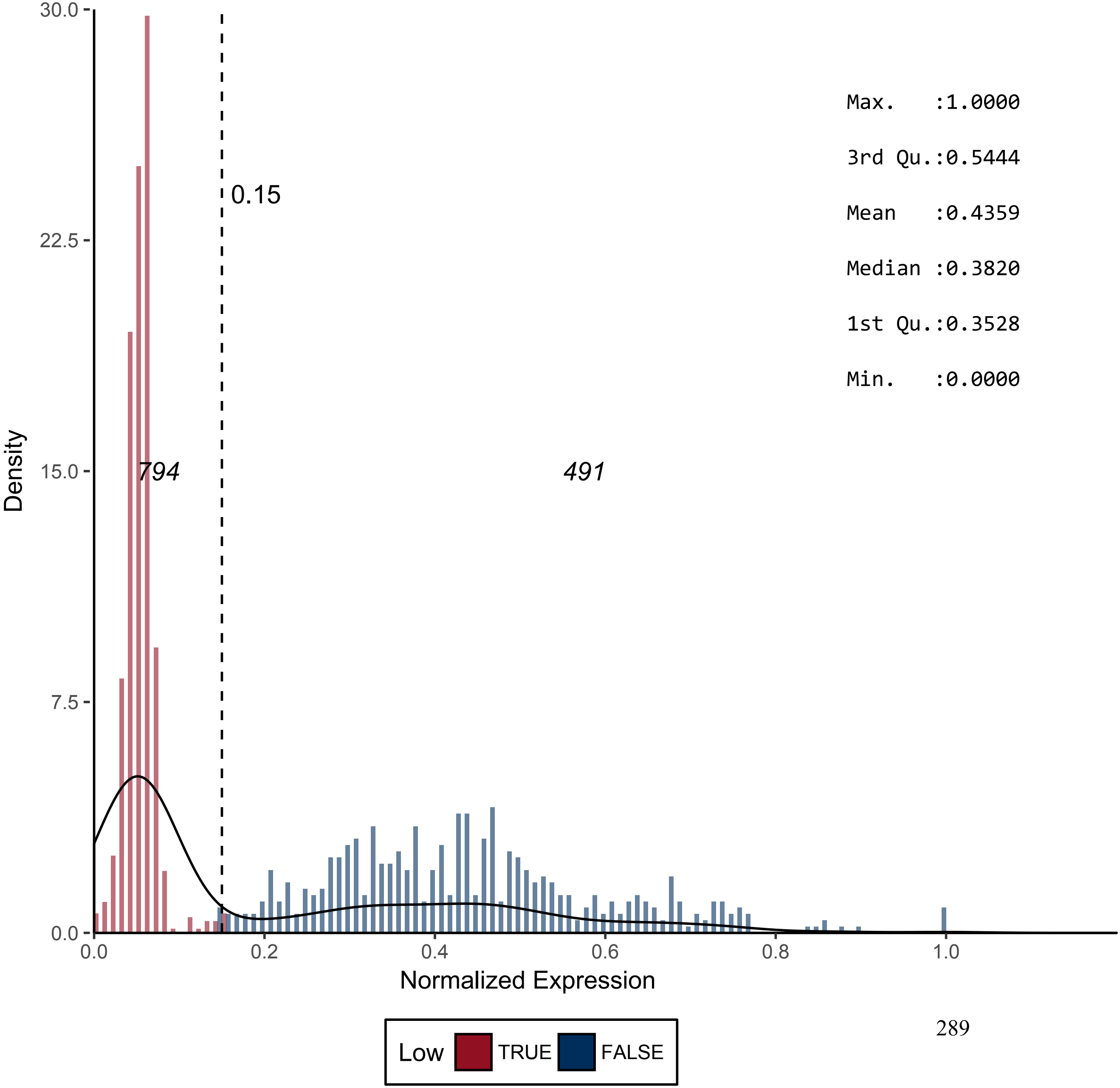


Figure 271 - CD270
Max. :1.0000
3rd Qu.:0.6555
Mean :0.5315
Median :0.5311
1st Qu.:0.3937
Min. :0.0000
0.36
0.69
256
777
253
Density
Normalized Expression
0.00
1.25
2.50
3.75
5.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 272 - CD271*



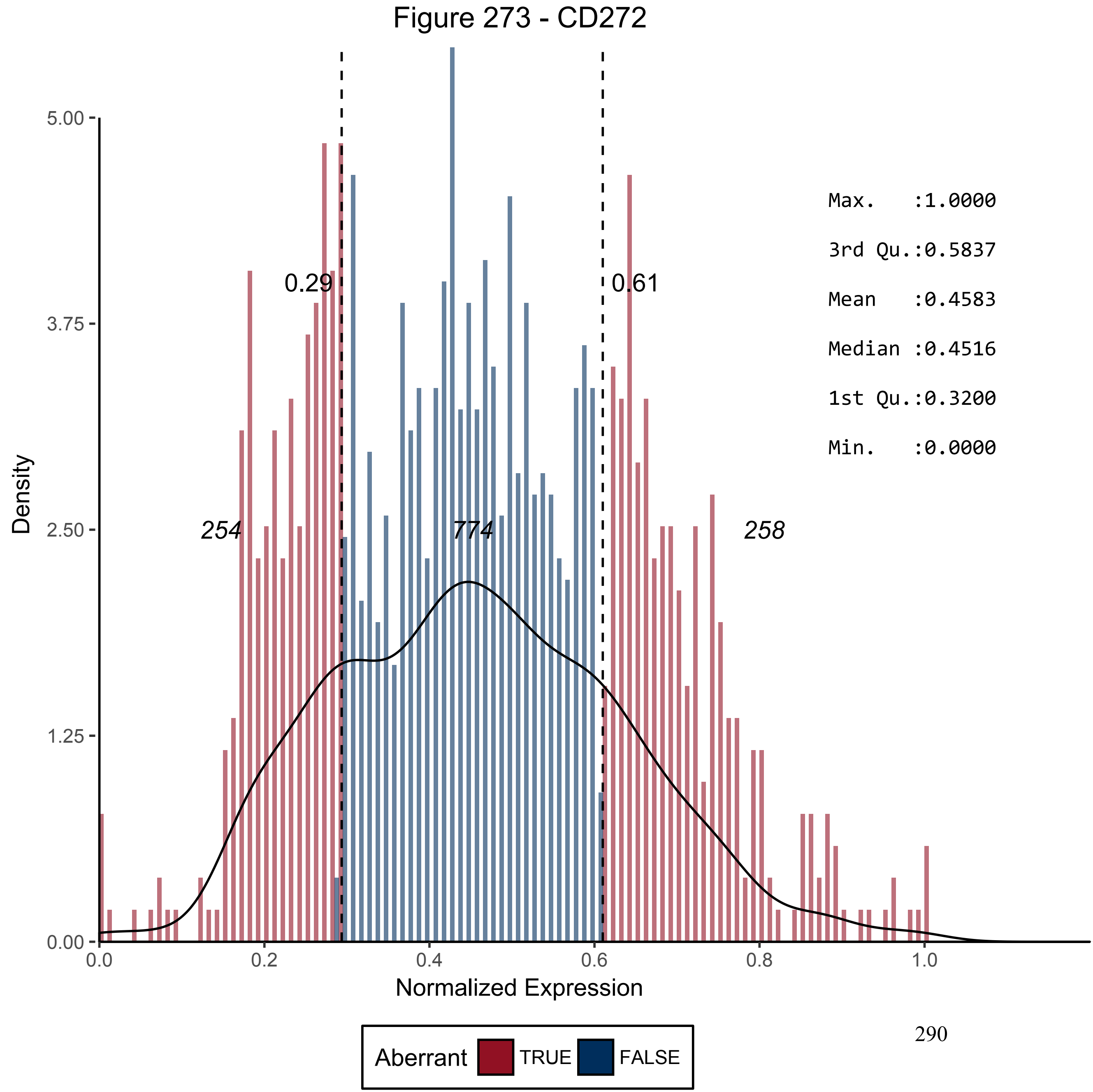
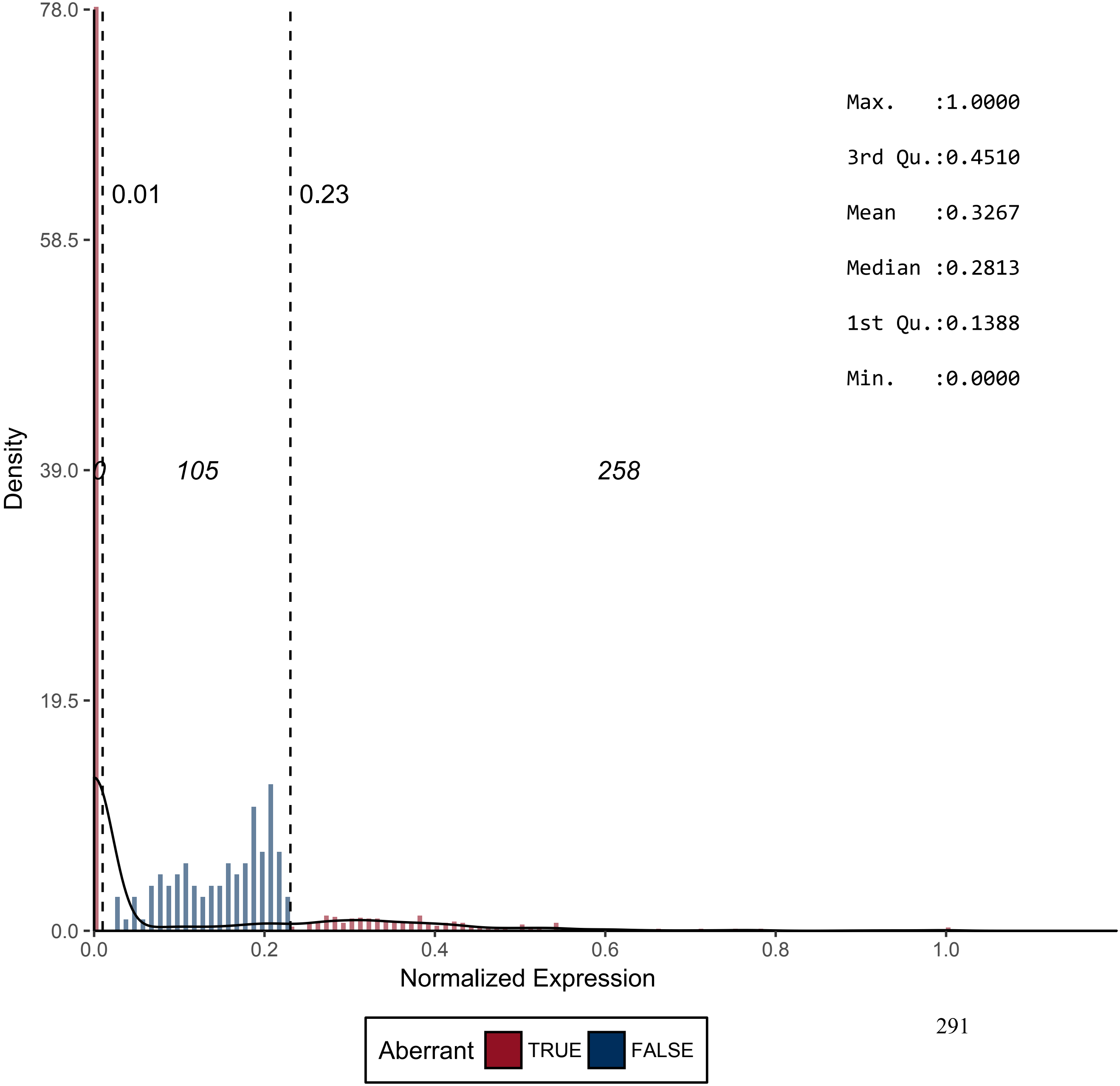


Figure 273 - CD272
Max. :1.0000
3rd Qu.:0.5837
Mean :0.4583
Median :0.4516
1st Qu.:0.3200
Min. :0.0000
0.29
0.61
254
774
258
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 274 - CD273*



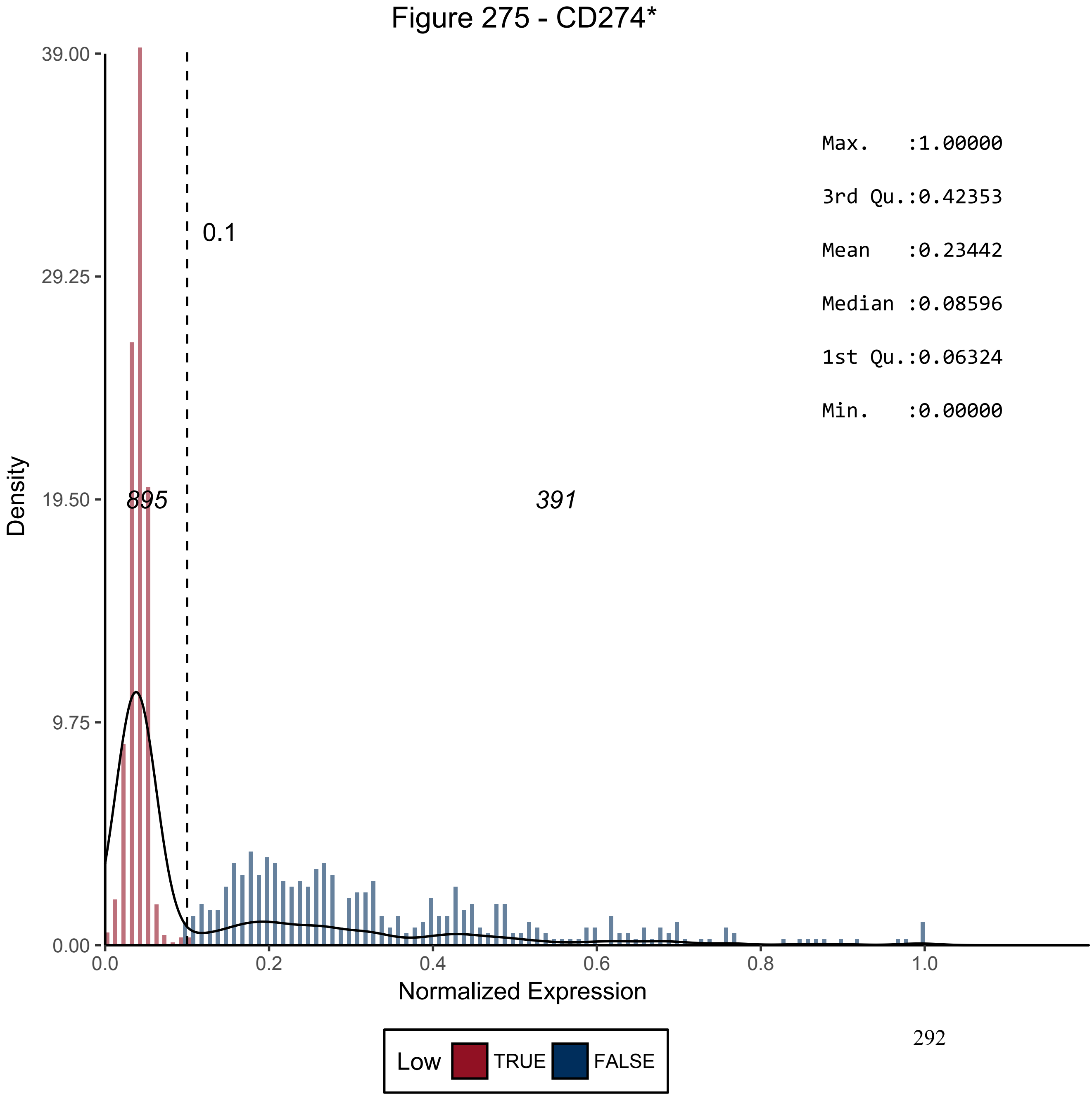


Figure 275 - CD274*
39.00
29.25
19.50
9.75
0.00
Density
0.1
895
391
Max.   :1.00000
3rd Qu.:0.42353
Mean   :0.23442
Median :0.08596
1st Qu.:0.06324
Min.   :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

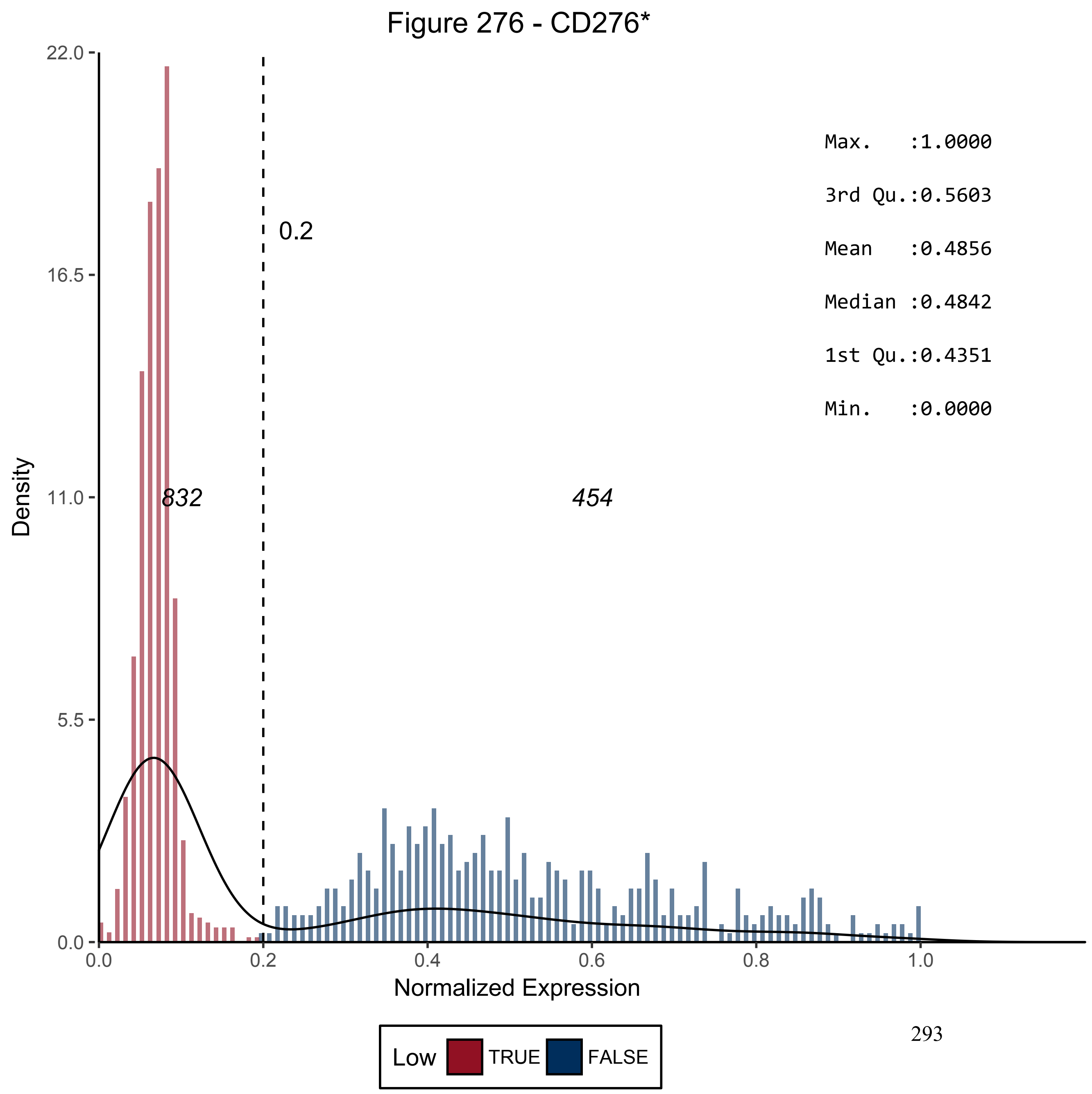


Figure 276 - CD276*
Max. :1.0000
3rd Qu.:0.5603
Mean :0.4856
Median :0.4842
1st Qu.:0.4351
Min. :0.0000
0.2
832
454
Density
22.0
16.5
11.0
5.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

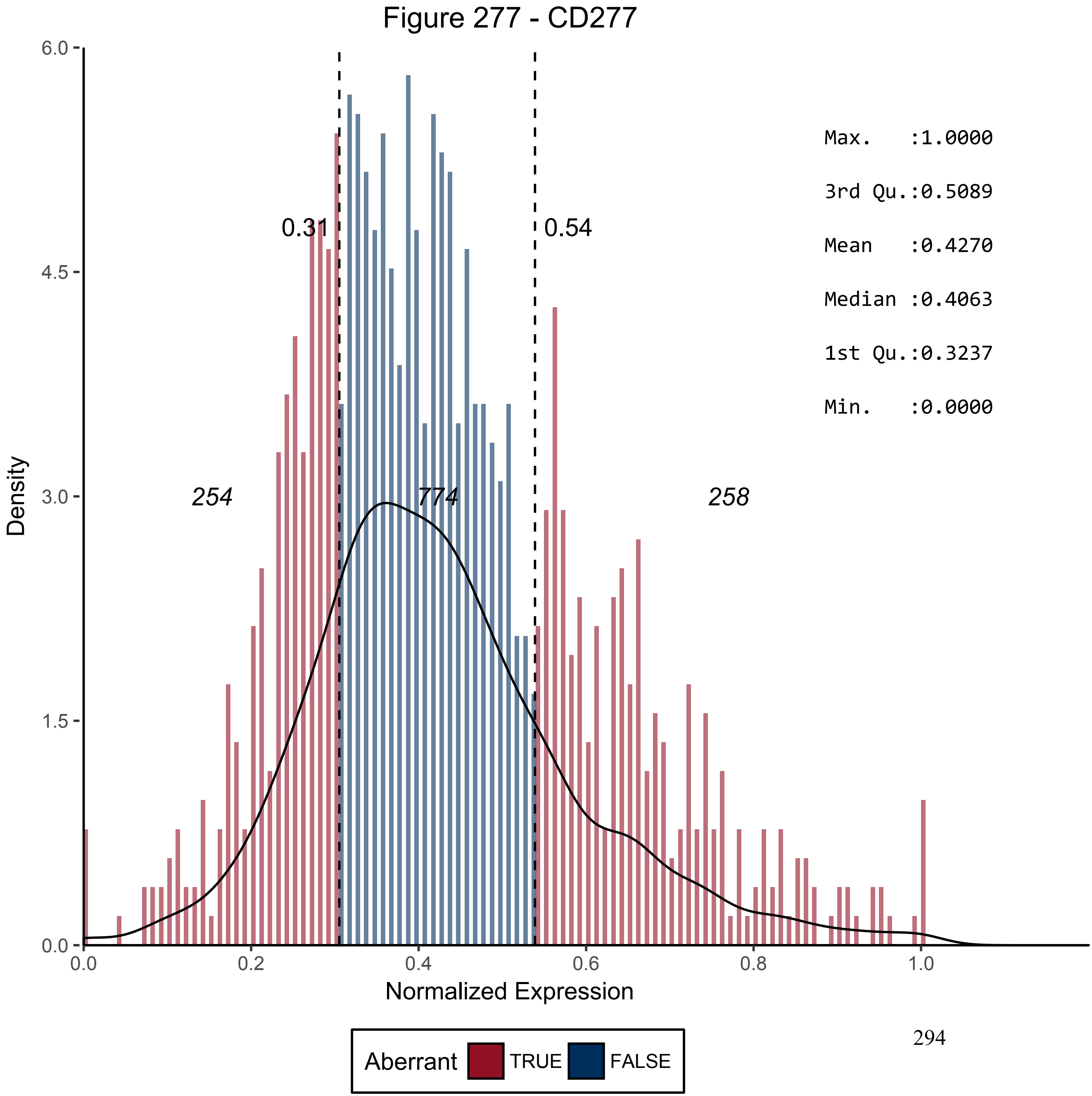
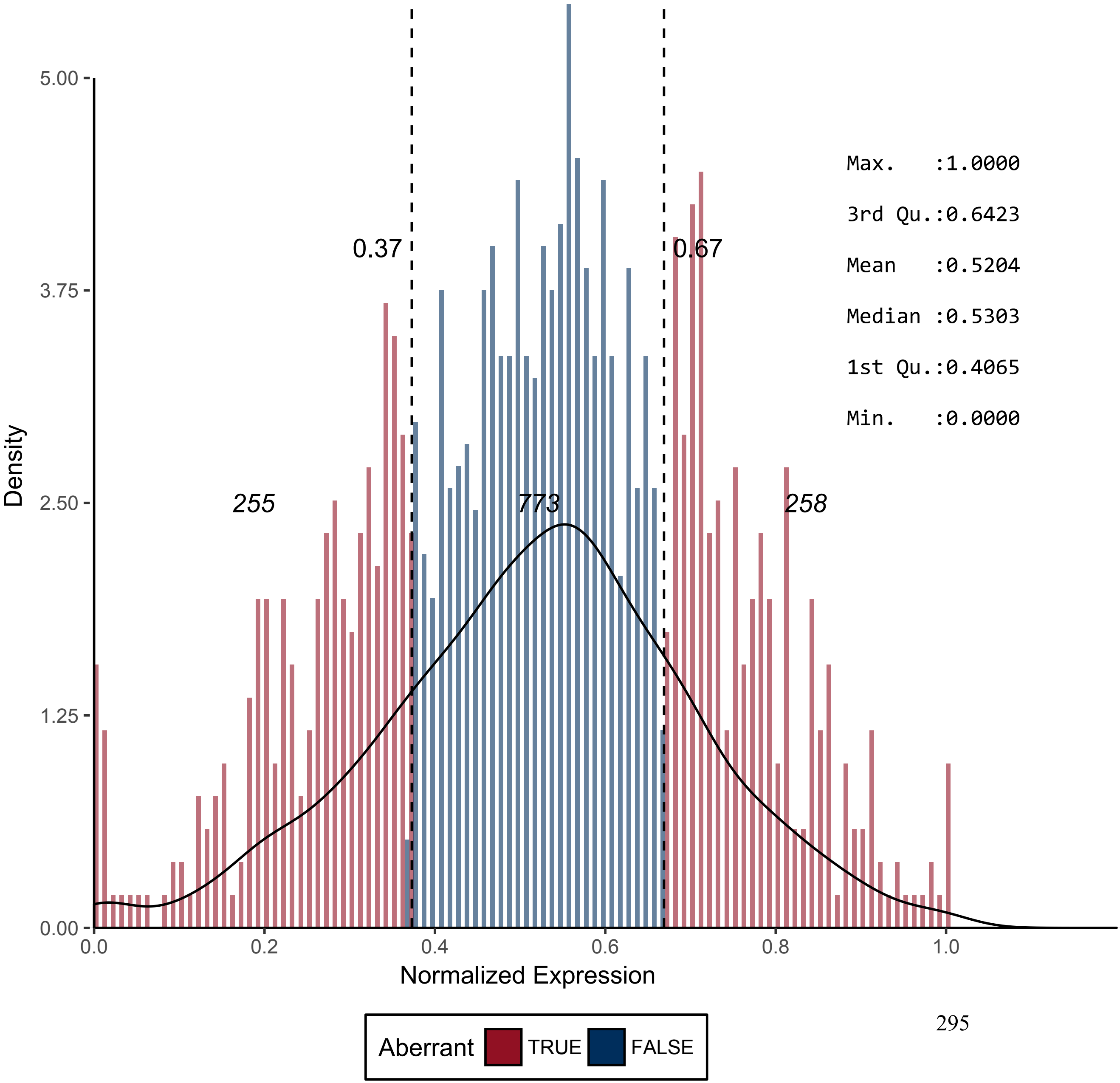


Figure 277 - CD277
Max. :1.0000
3rd Qu.:0.5089
Mean :0.4270
Median :0.4063
1st Qu.:0.3237
Min. :0.0000
0.31
0.54
254
774
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

Figure 278 - CD278



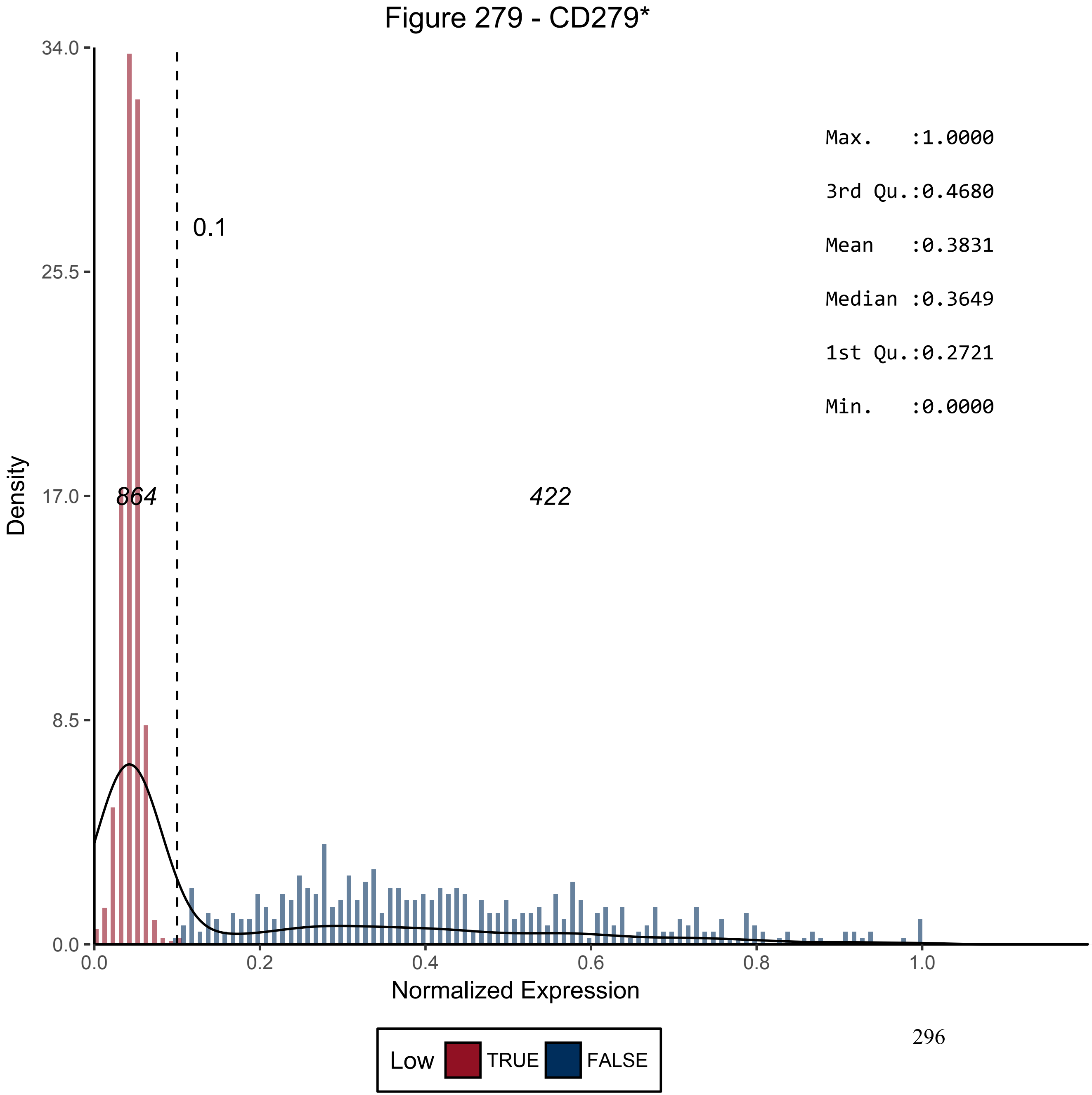
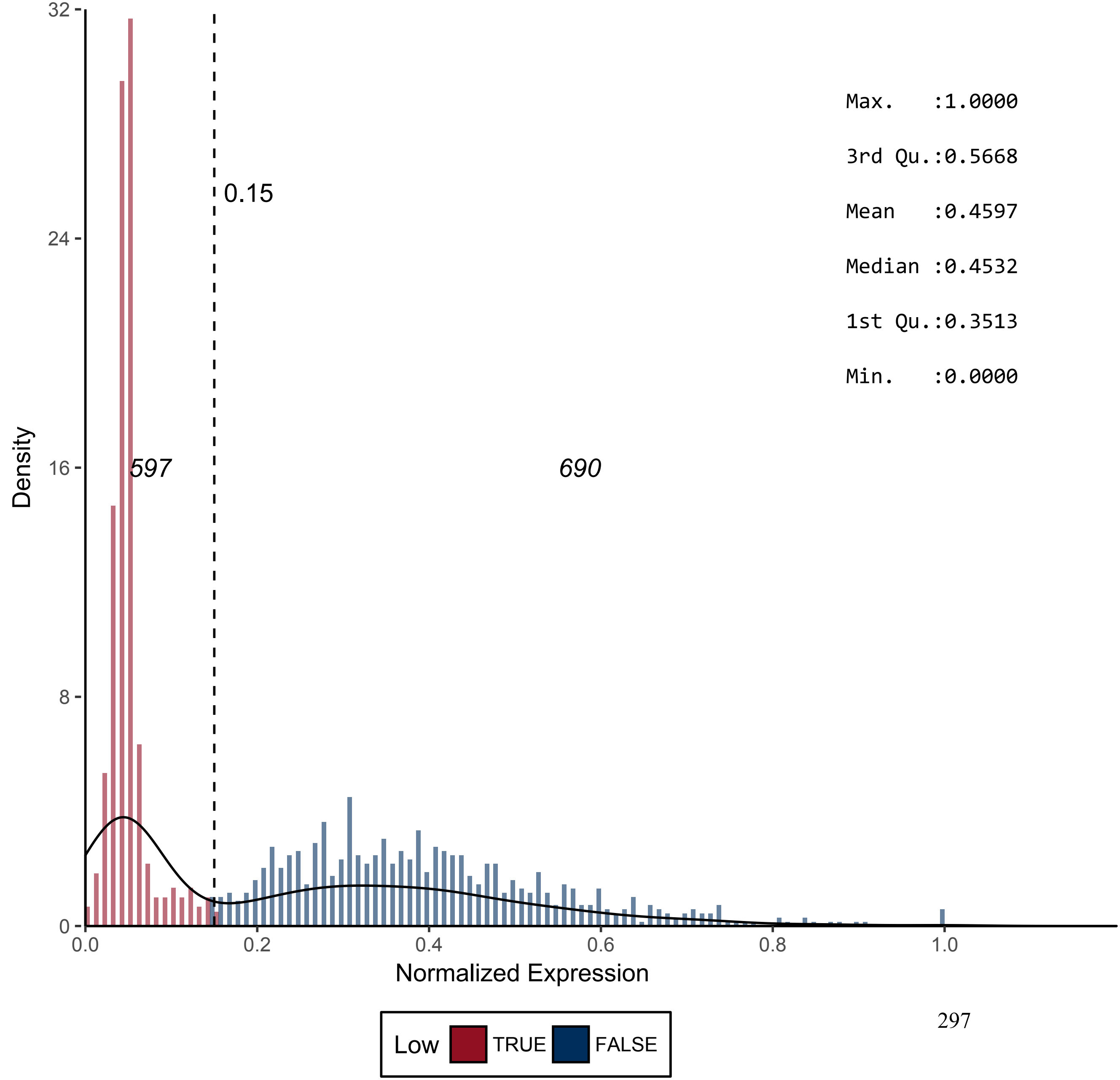


Figure 279 - CD279*
34.0
25.5
17.0
8.5
0.0
Density
0.1
864
422
Max. :1.0000
3rd Qu.:0.4680
Mean :0.3831
Median :0.3649
1st Qu.:0.2721
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

Figure 280 - CD280*



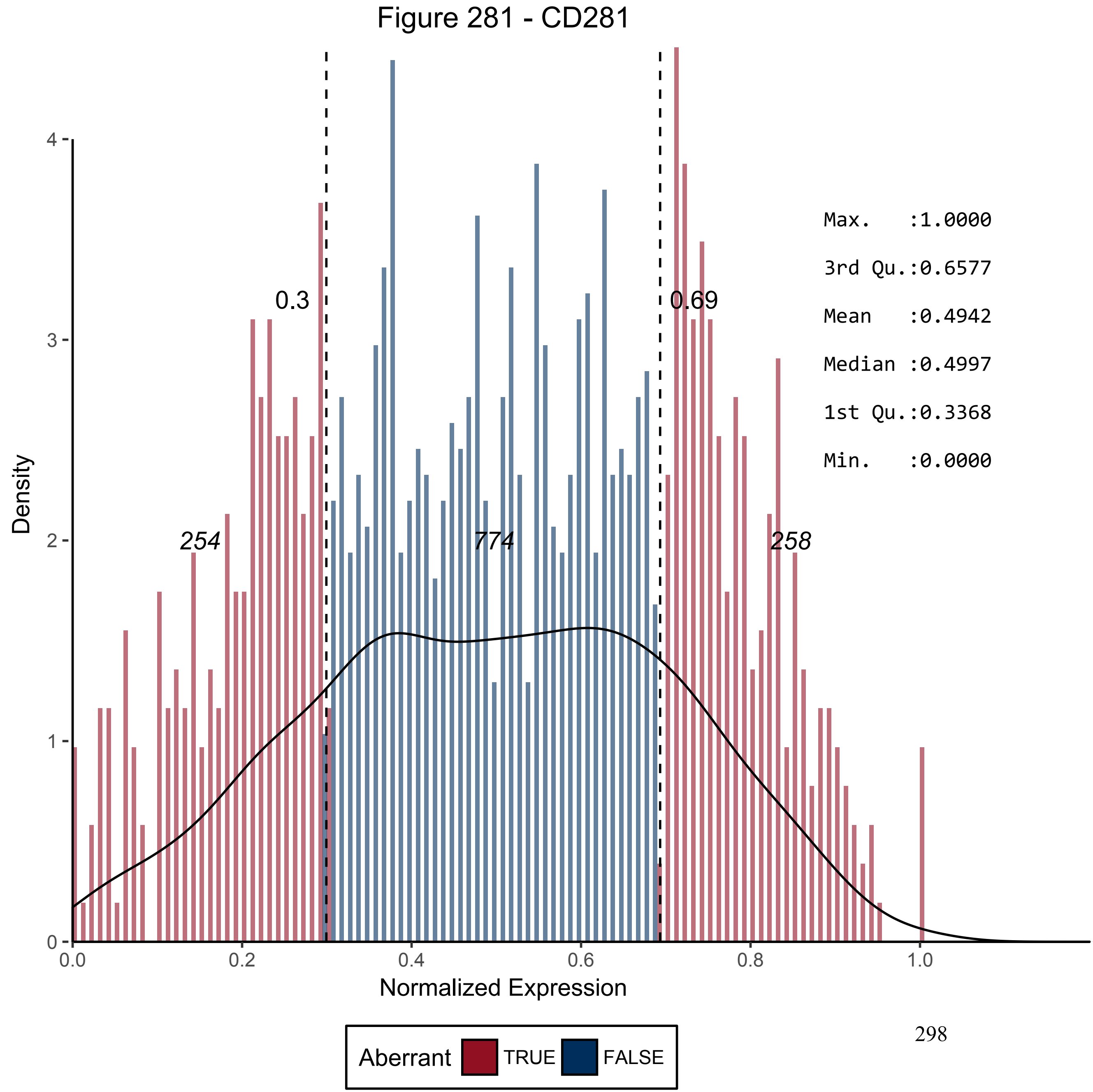
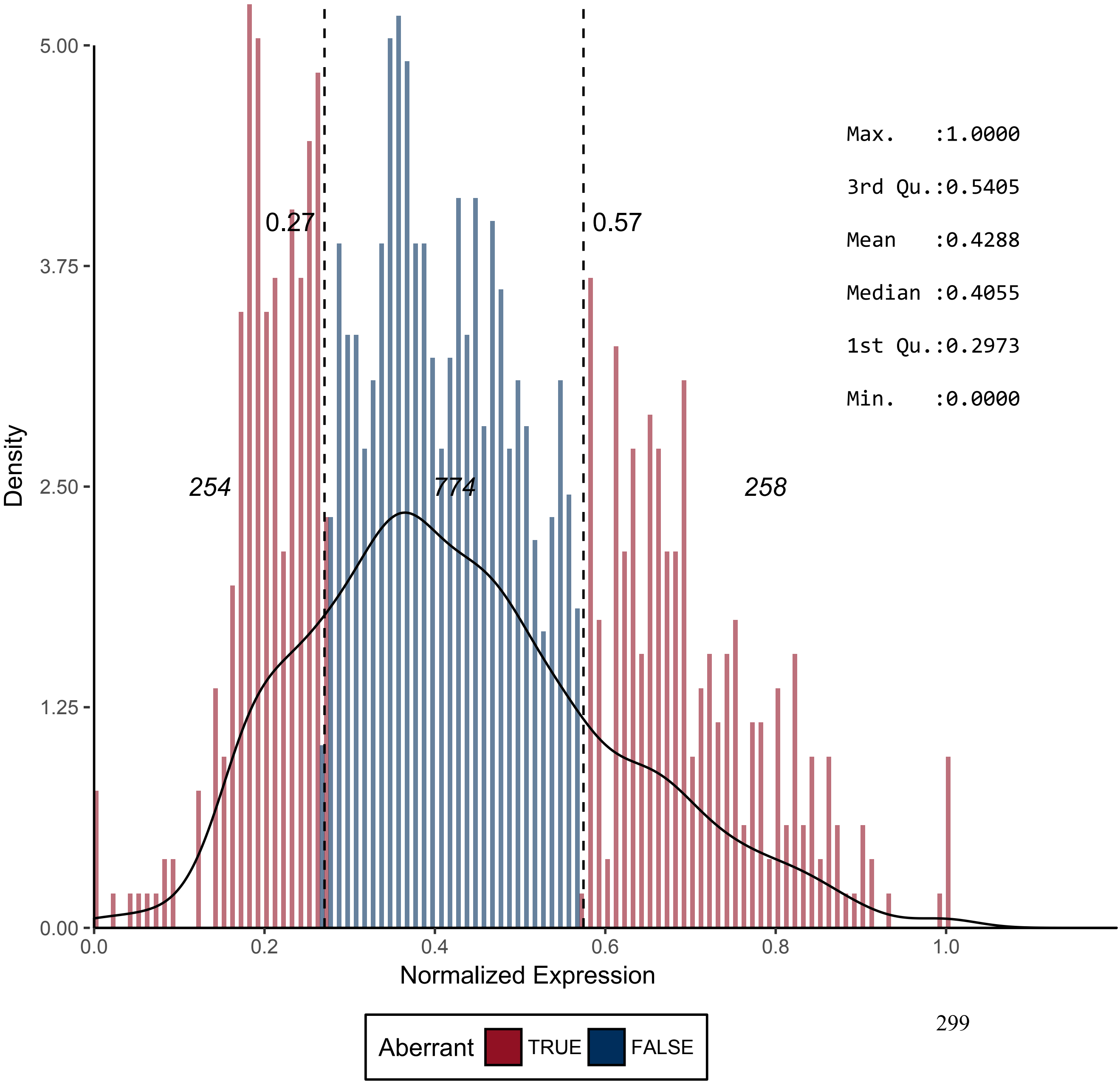


Figure 281 - CD281
Density
Normalized Expression
0.3
0.69
254
774
258
Max.   :1.0000
3rd Qu.:0.6577
Mean   :0.4942
Median :0.4997
1st Qu.:0.3368
Min.   :0.0000
Aberrant
TRUE
FALSE
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
4

Figure 282 - CD282



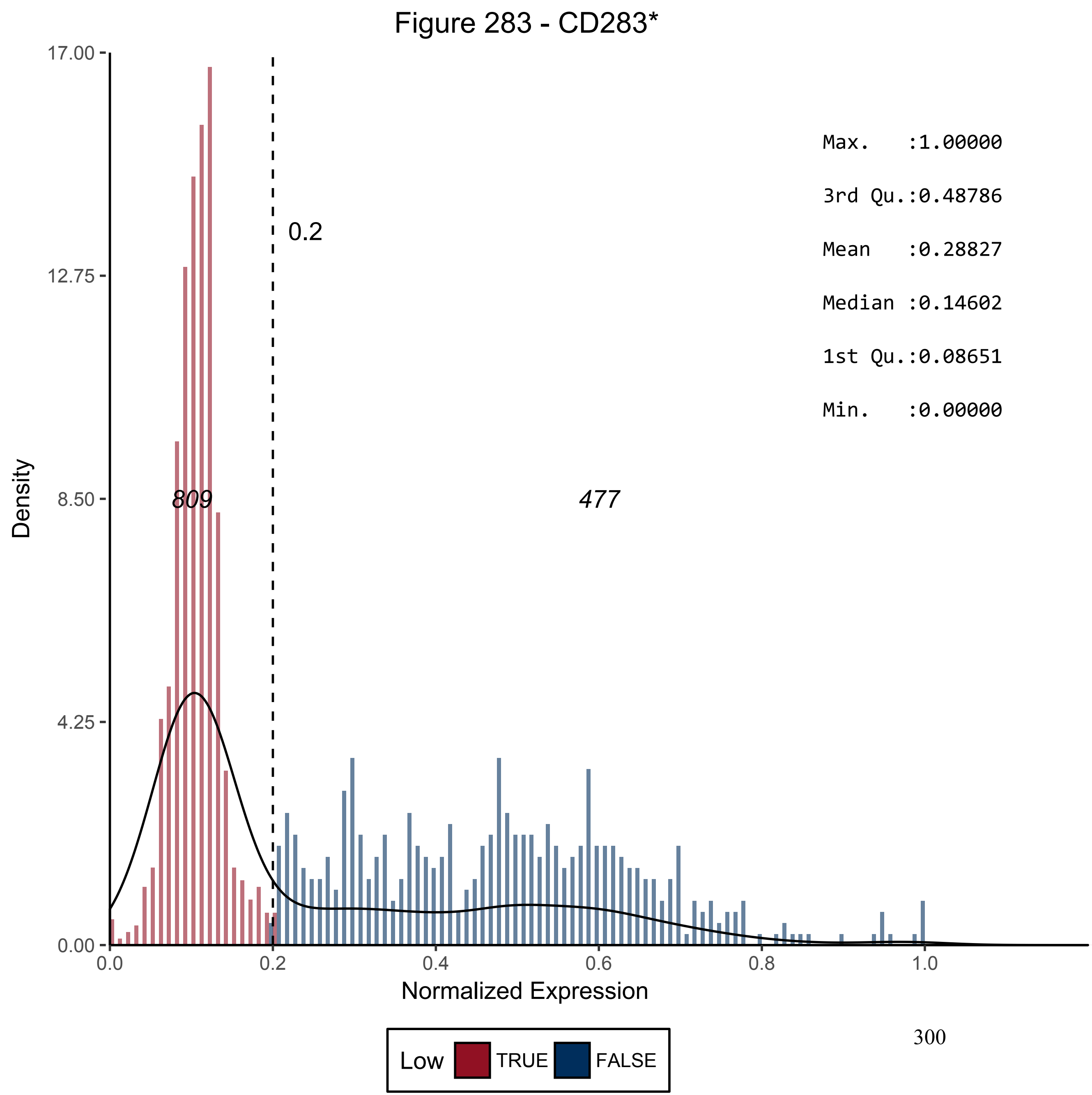


Figure 283 - CD283*
17.00
12.75
8.50
4.25
0.00
Density
0.2
809
477
Max.   :1.00000
3rd Qu.:0.48786
Mean   :0.28827
Median :0.14602
1st Qu.:0.08651
Min.   :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

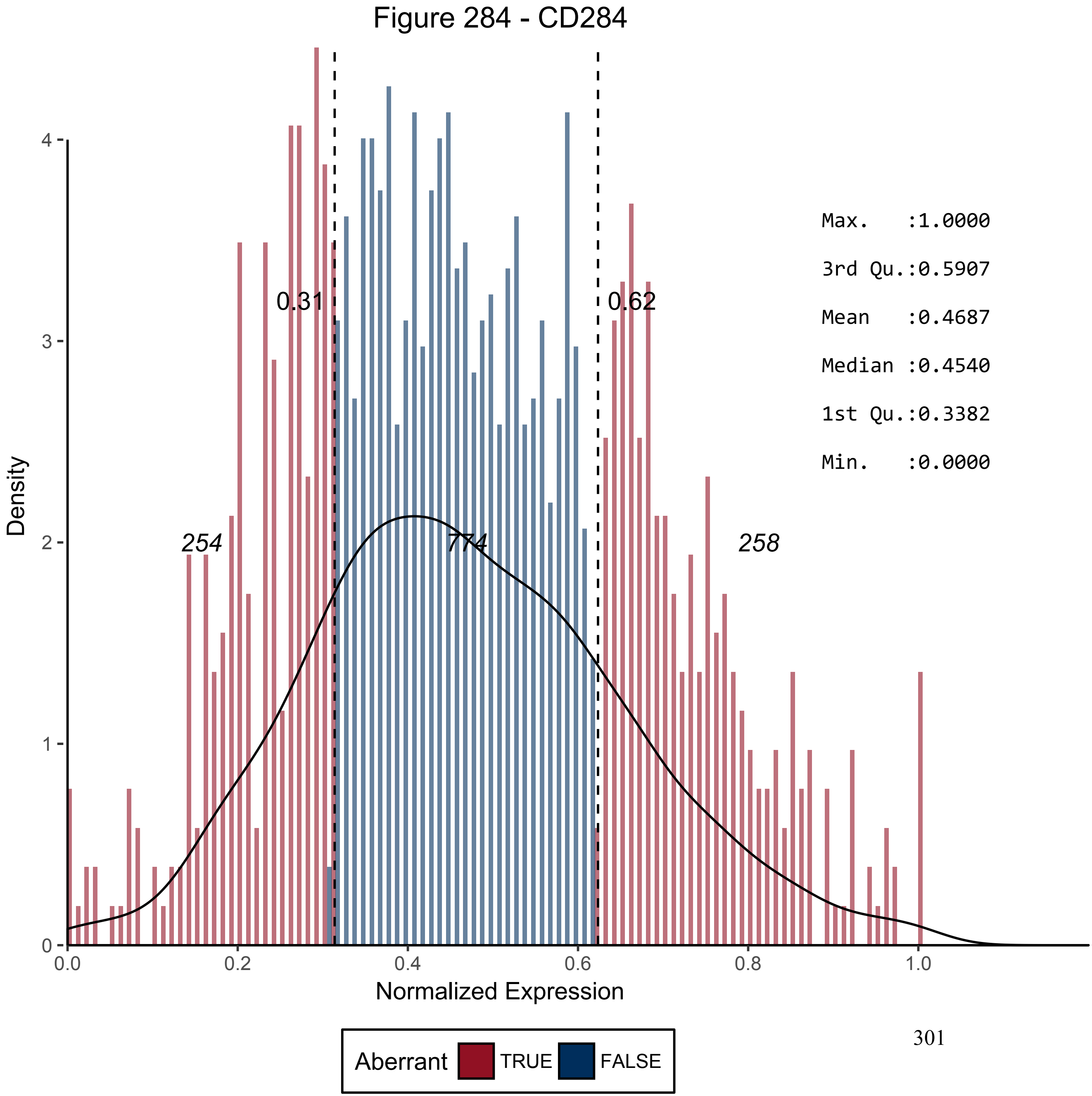


Figure 284 - CD284
Max. :1.0000
3rd Qu.:0.5907
Mean :0.4687
Median :0.4540
1st Qu.:0.3382
Min. :0.0000
0.31
0.62
254
774
258
Density
Normalized Expression
0
1
2
3
4
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

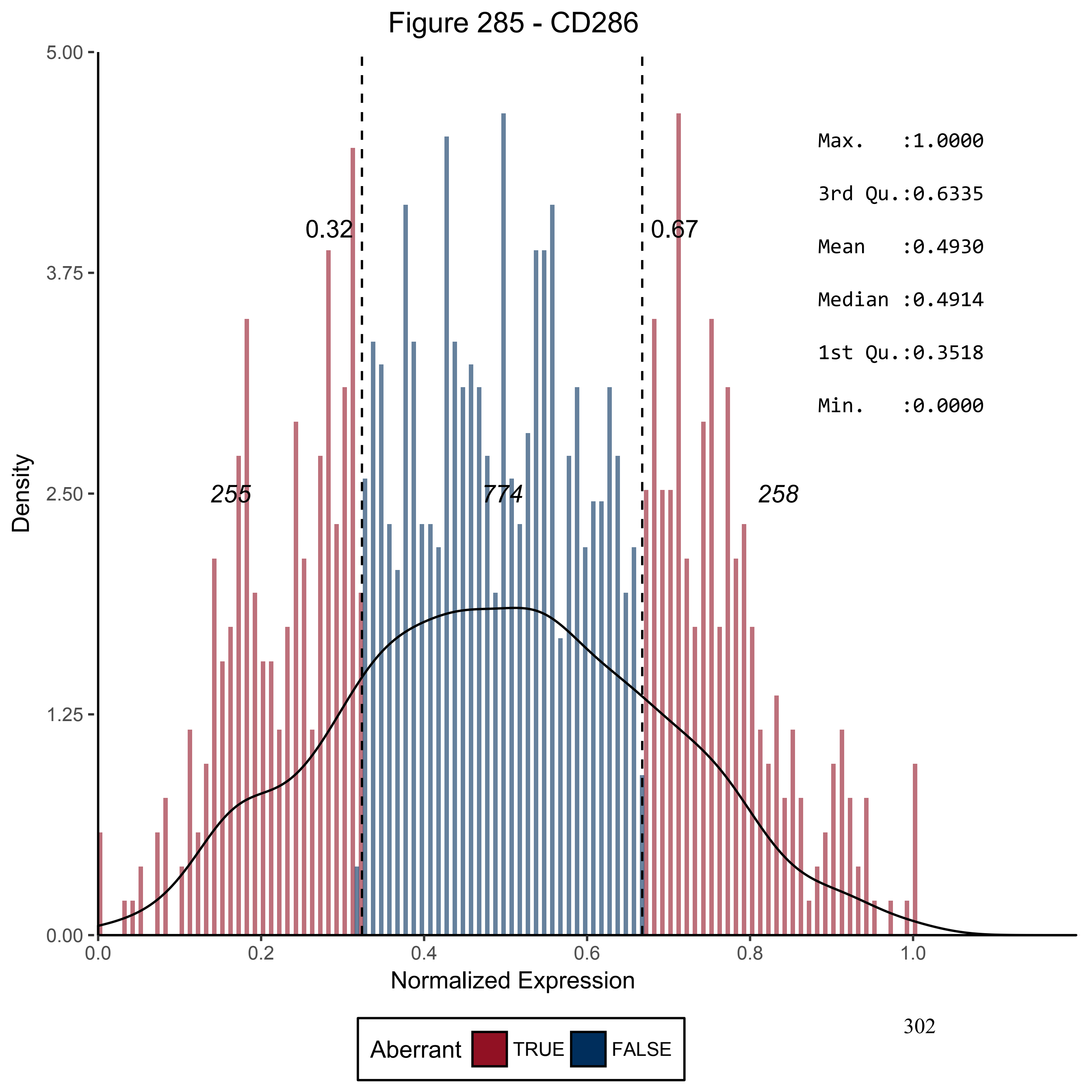


Figure 285 - CD286
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
0.32
0.67
255
774
258
Max.   :1.0000
3rd Qu.:0.6335
Mean   :0.4930
Median :0.4914
1st Qu.:0.3518
Min.   :0.0000
Aberrant
TRUE
FALSE

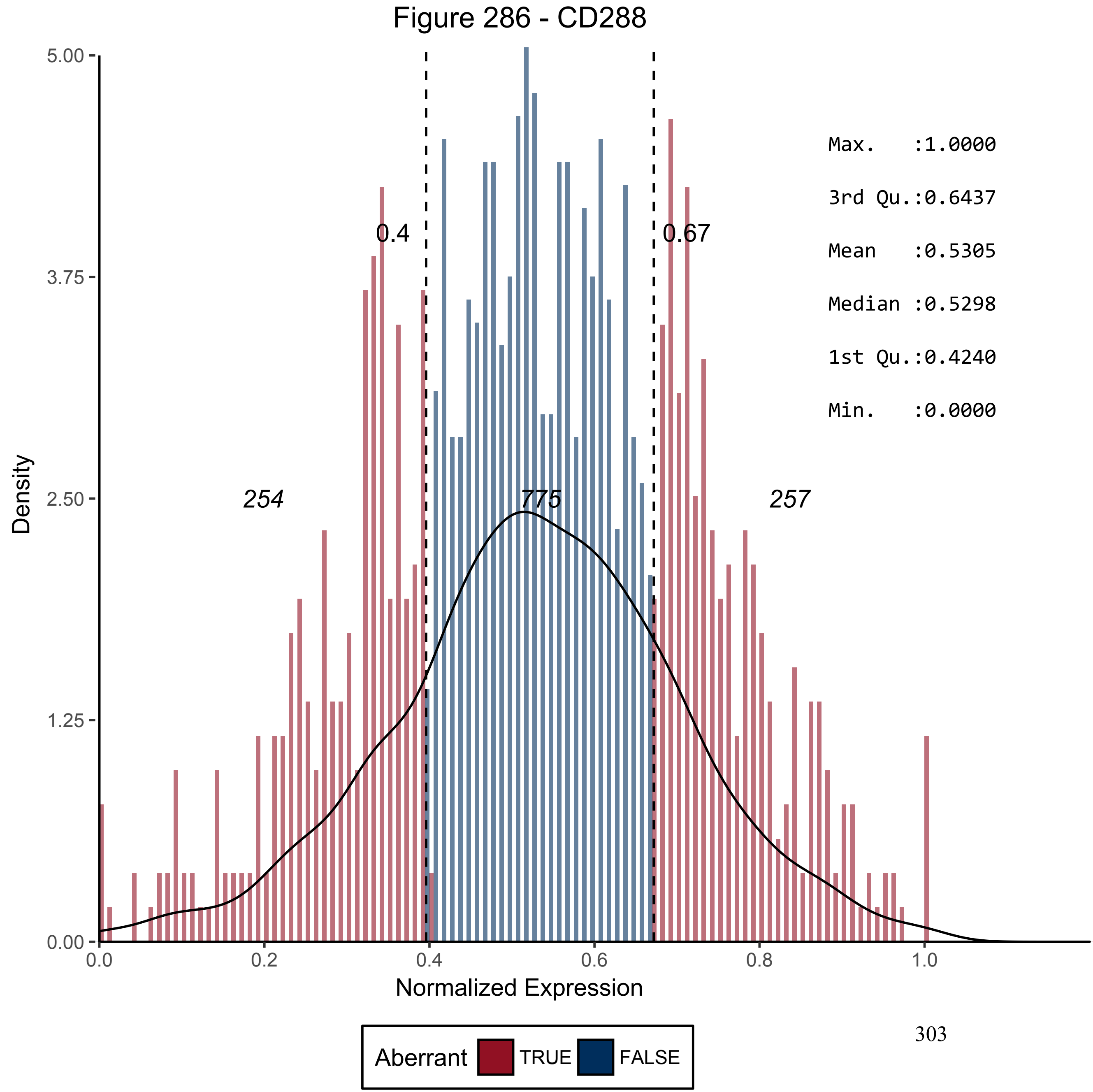


Figure 286 - CD288
Max. :1.0000
3rd Qu.:0.6437
Mean :0.5305
Median :0.5298
1st Qu.:0.4240
Min. :0.0000
0.4
0.67
254
775
257
Density
Normalized Expression
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

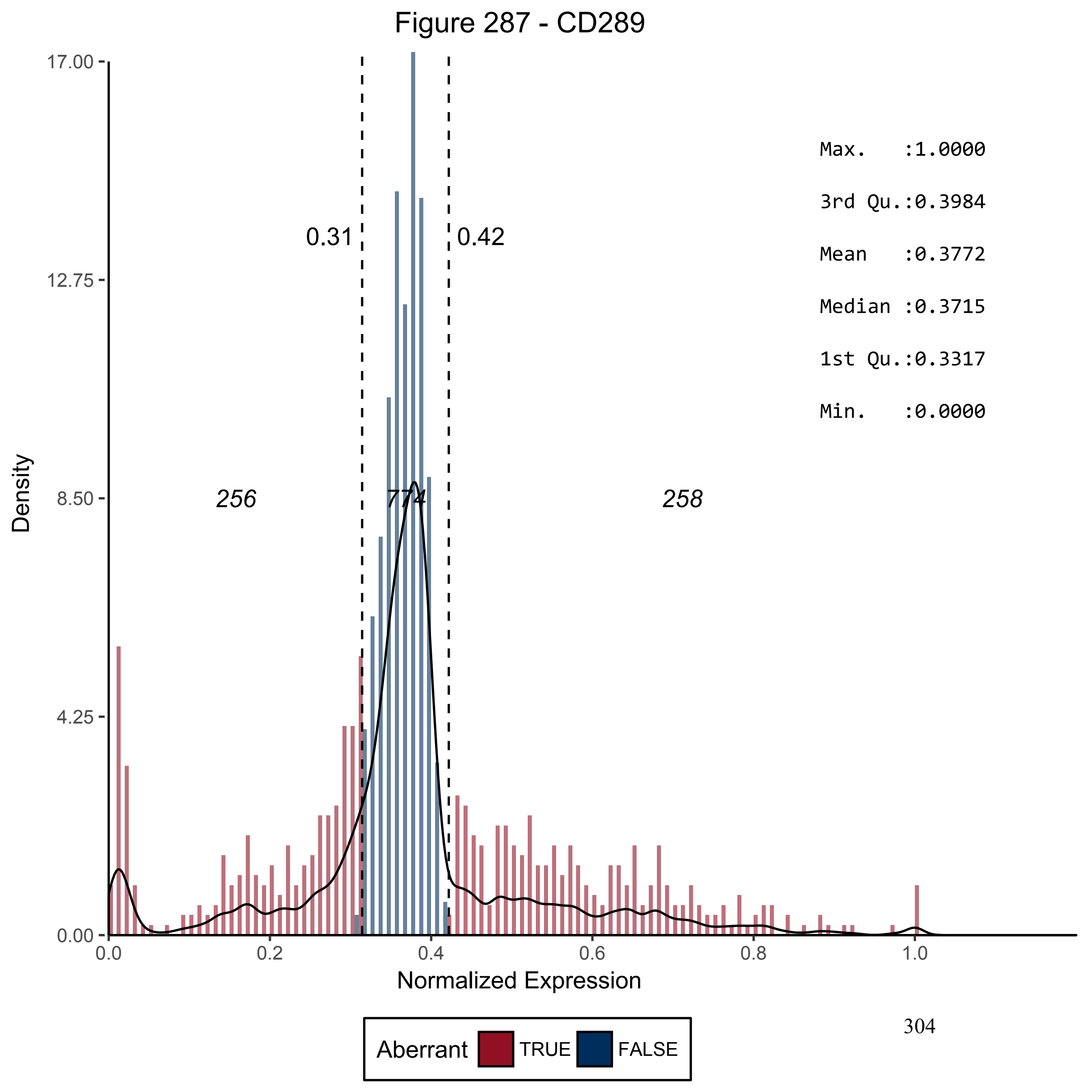


Figure 287 - CD289
17.00
12.75
8.50
4.25
0.00
Density
0.31
0.42
256
774
258
Max.   :1.0000
3rd Qu.:0.3984
Mean   :0.3772
Median :0.3715
1st Qu.:0.3317
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

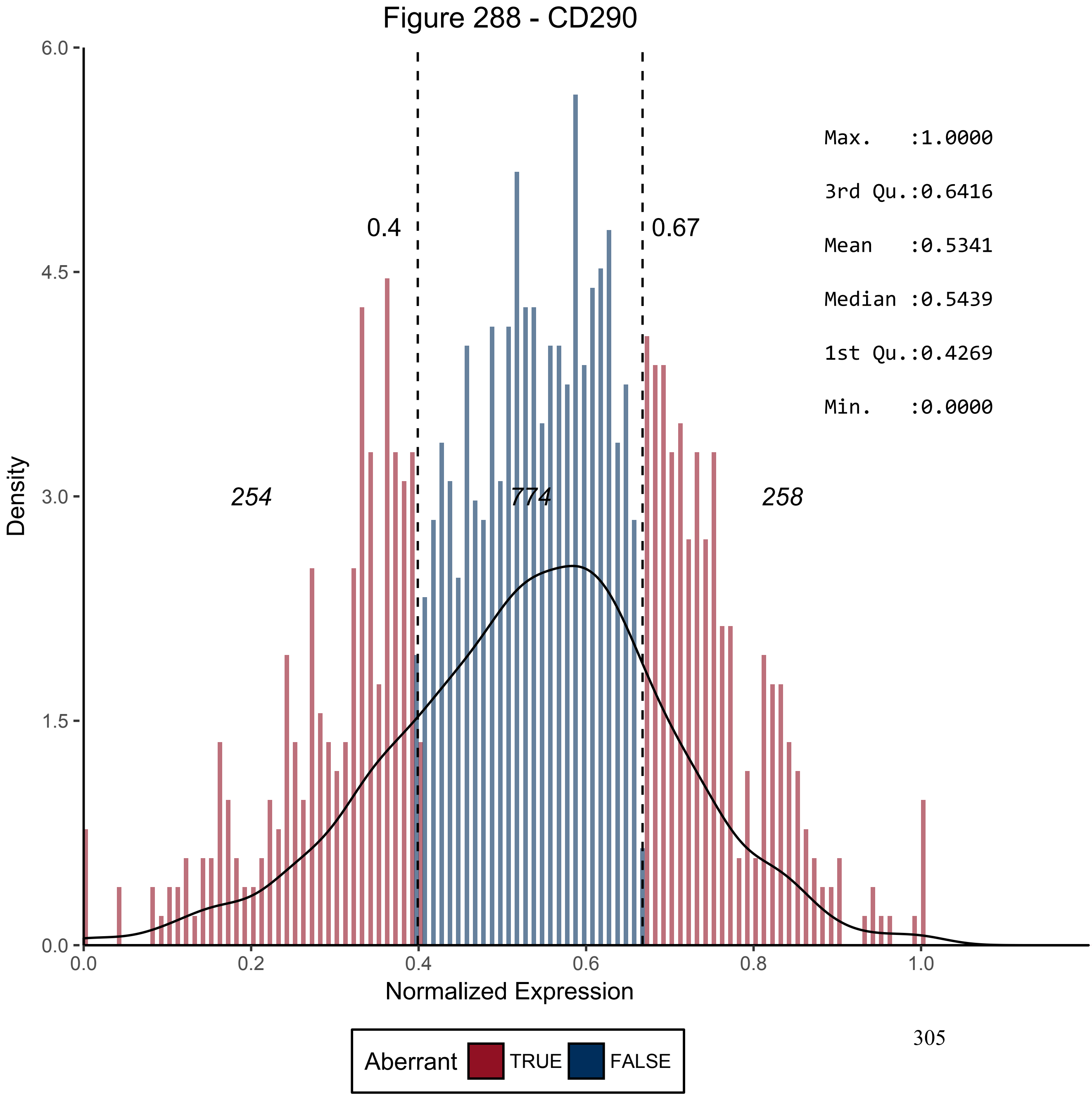


Figure 288 - CD290
6.0
4.5
3.0
1.5
0.0
Density
0.4
0.67
254
774
258
Max.   :1.0000
3rd Qu.:0.6416
Mean   :0.5341
Median :0.5439
1st Qu.:0.4269
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

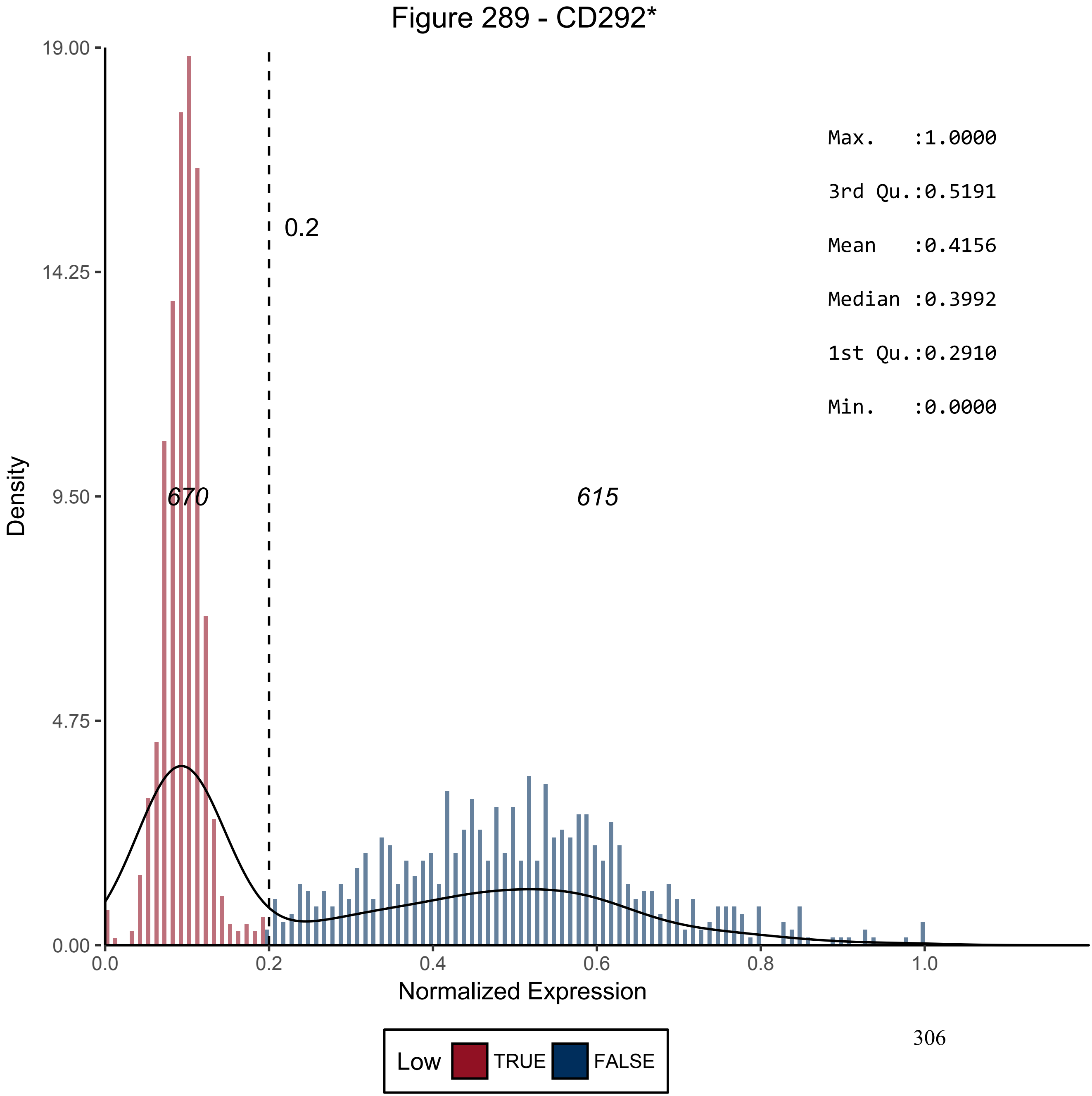


Figure 289 - CD292*
19.00
14.25
9.50
4.75
0.00
Density
0.2
670
615
Max. :1.0000
3rd Qu.:0.5191
Mean :0.4156
Median :0.3992
1st Qu.:0.2910
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

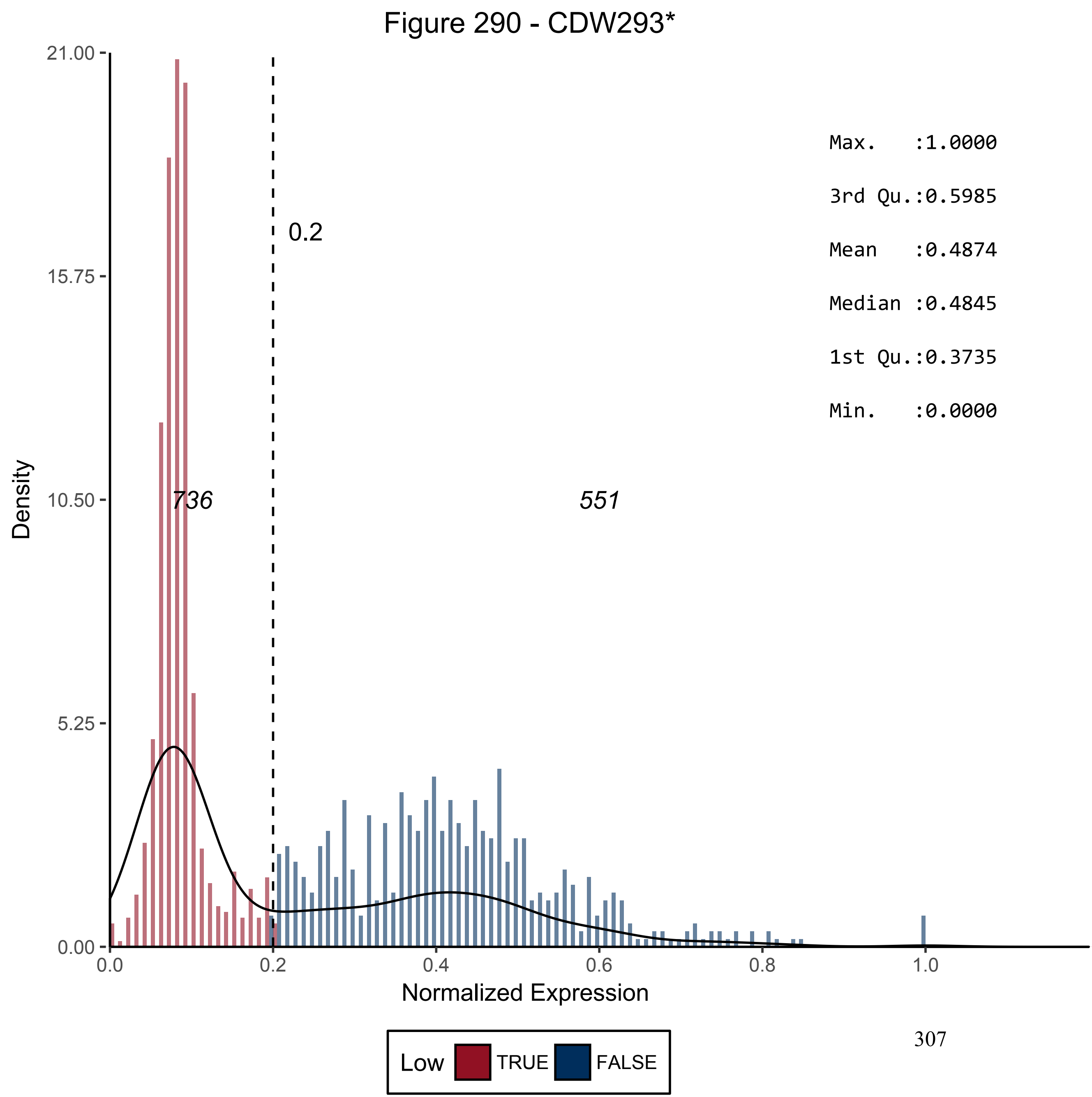


Figure 290 - CDW293*
21.00
15.75
10.50
5.25
0.00
Density
0.2
736
551
Max.   :1.0000
3rd Qu.:0.5985
Mean   :0.4874
Median :0.4845
1st Qu.:0.3735
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

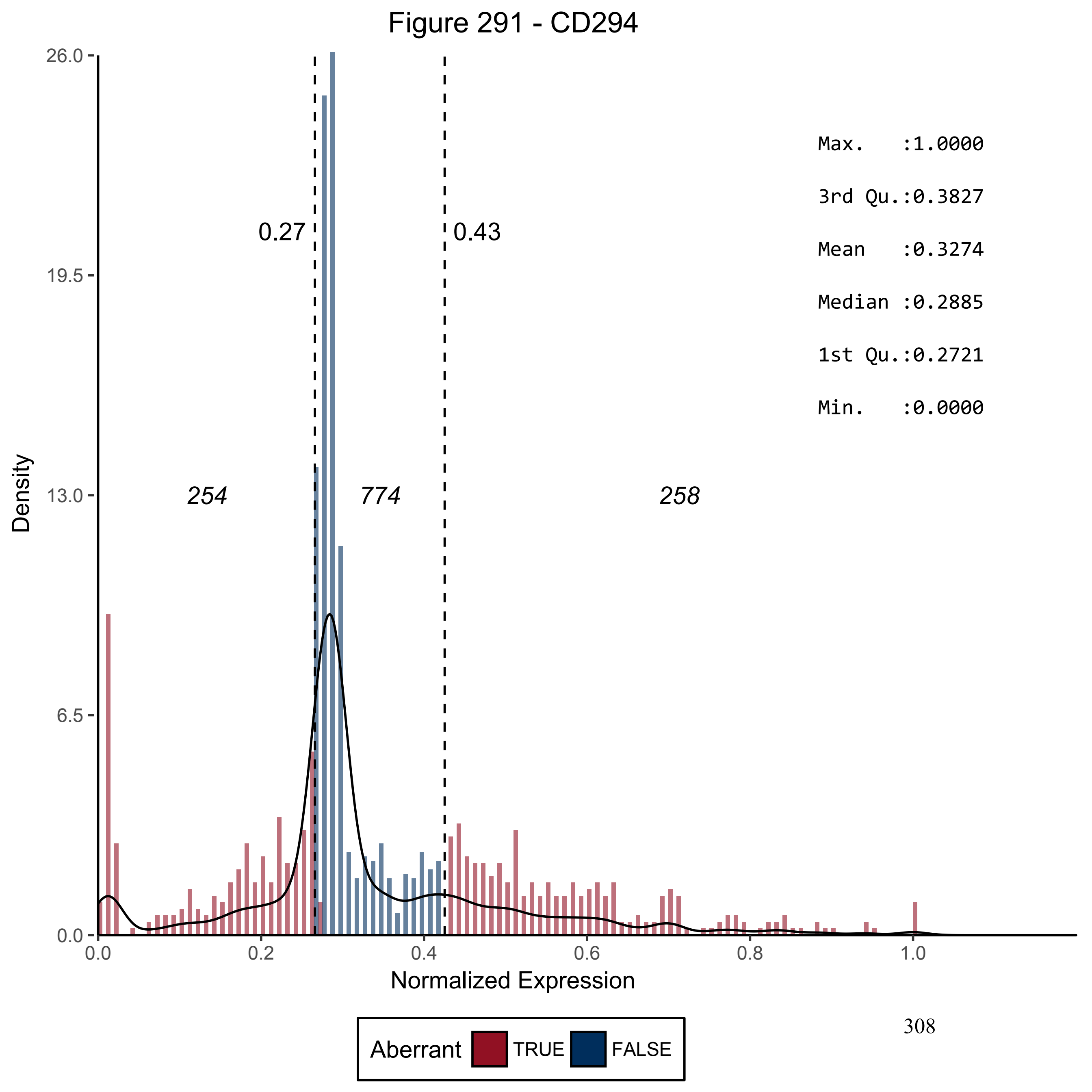


Figure 291 - CD294
26.0
19.5
13.0
6.5
0.0
Density
0.27
0.43
254
774
258
Max. :1.0000
3rd Qu.:0.3827
Mean :0.3274
Median :0.2885
1st Qu.:0.2721
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

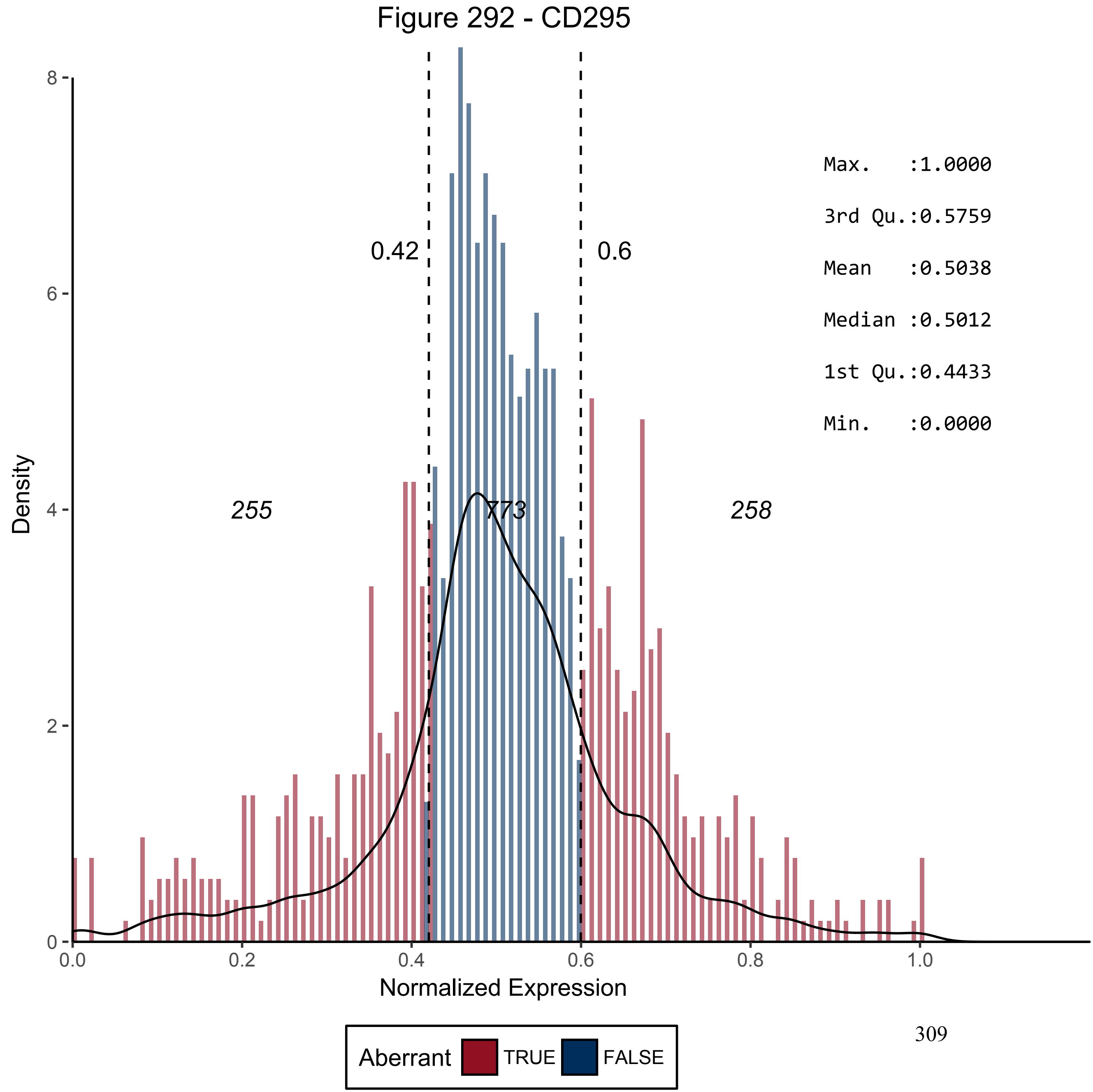


Figure 292 - CD295
0.42
0.6
Max. :1.0000
3rd Qu.:0.5759
Mean :0.5038
Median :0.5012
1st Qu.:0.4433
Min. :0.0000
255
773
258
Density
Normalized Expression
0
2
4
6
8
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

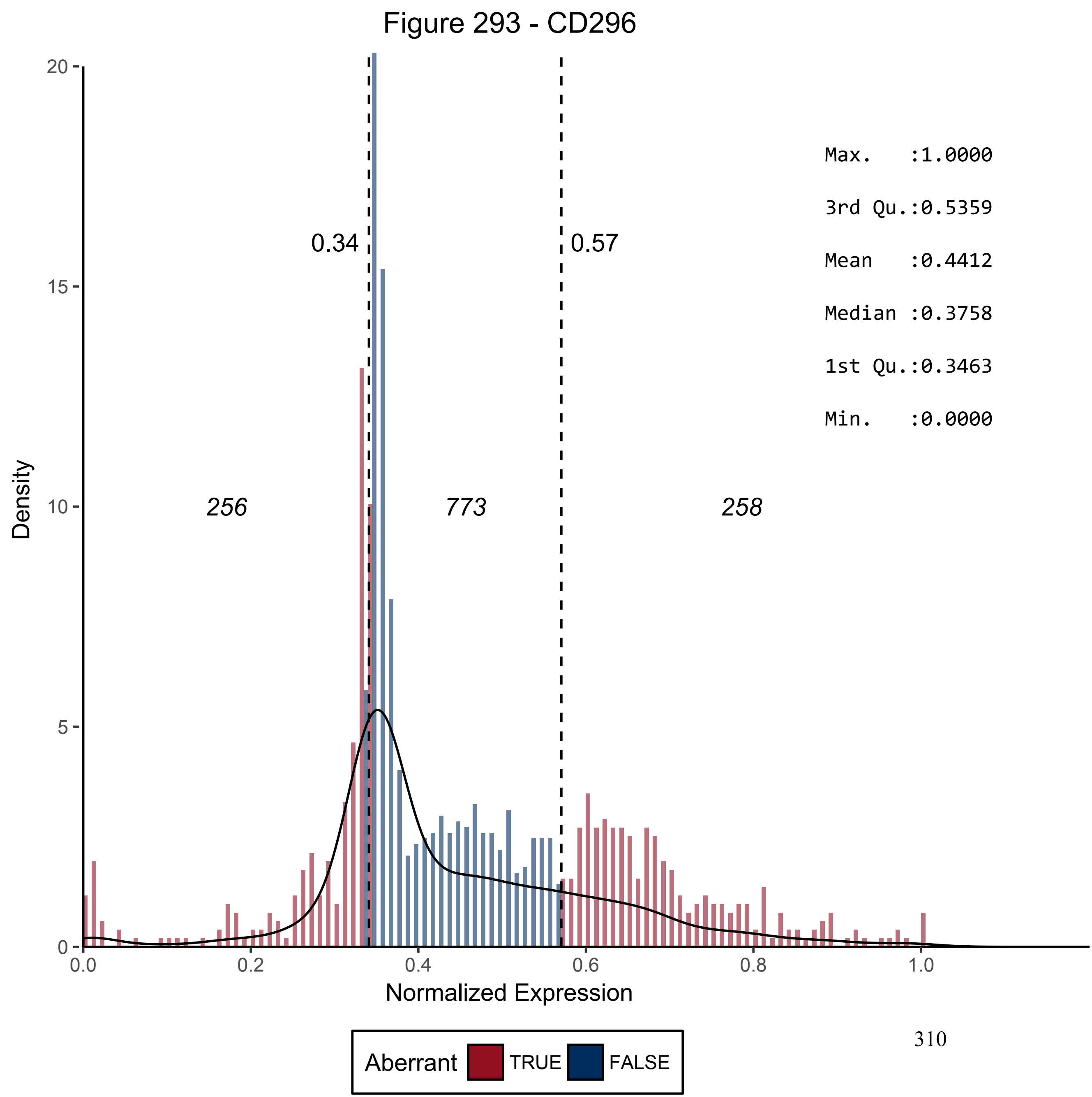


Figure 293 - CD296
Density
Normalized Expression
0.34
0.57
256
773
258
Max.   :1.0000
3rd Qu.:0.5359
Mean   :0.4412
Median :0.3758
1st Qu.:0.3463
Min.   :0.0000
Aberrant
TRUE
FALSE

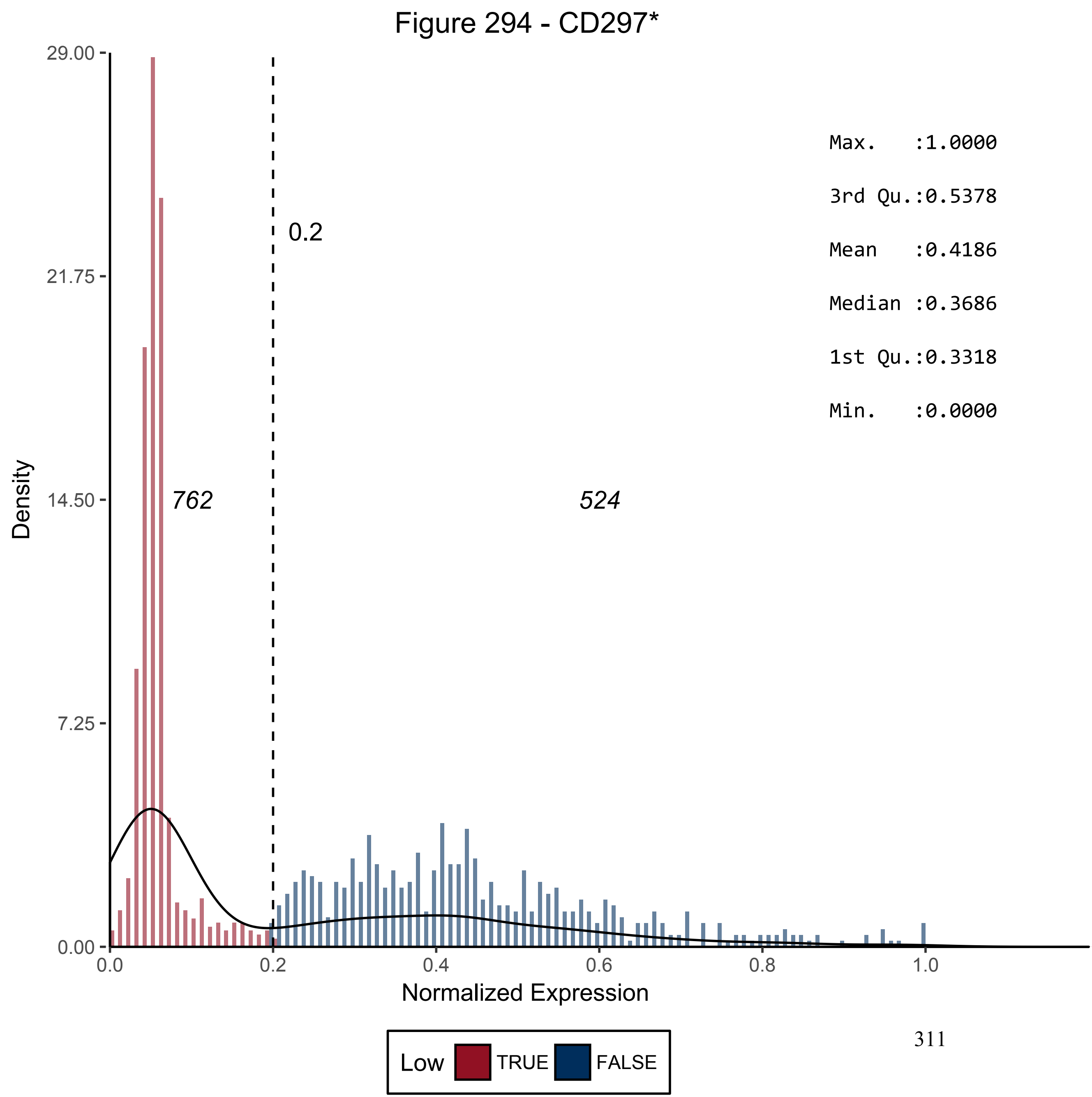


Figure 294 - CD297*
29.00
21.75
14.50
7.25
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.2
762
524
Max.   :1.0000
3rd Qu.:0.5378
Mean   :0.4186
Median :0.3686
1st Qu.:0.3318
Min.   :0.0000
Low
TRUE
FALSE

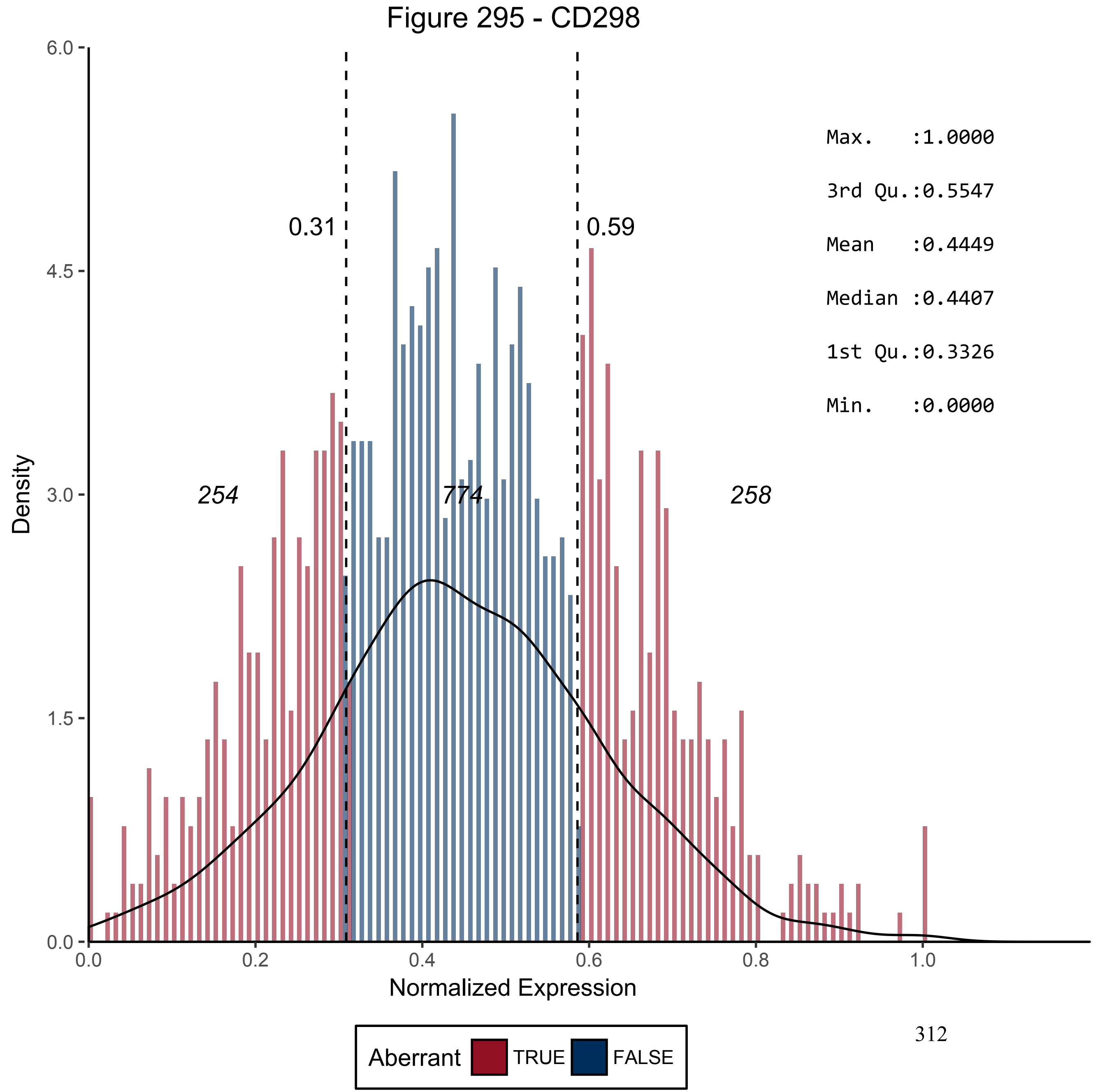


Figure 295 - CD298
Max. :1.0000
3rd Qu.:0.5547
Mean :0.4449
Median :0.4407
1st Qu.:0.3326
Min. :0.0000
0.31
0.59
254
774
258
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

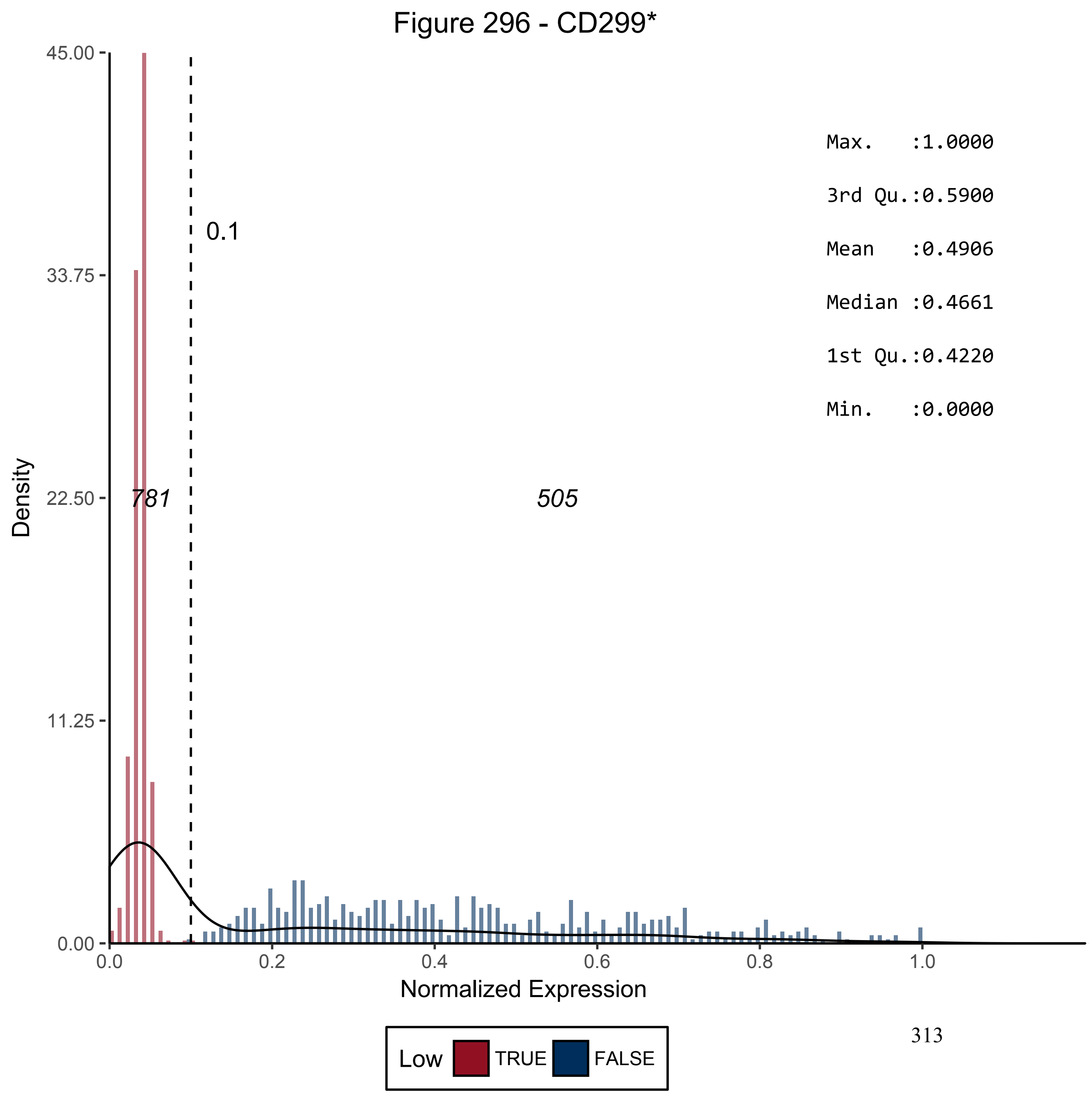
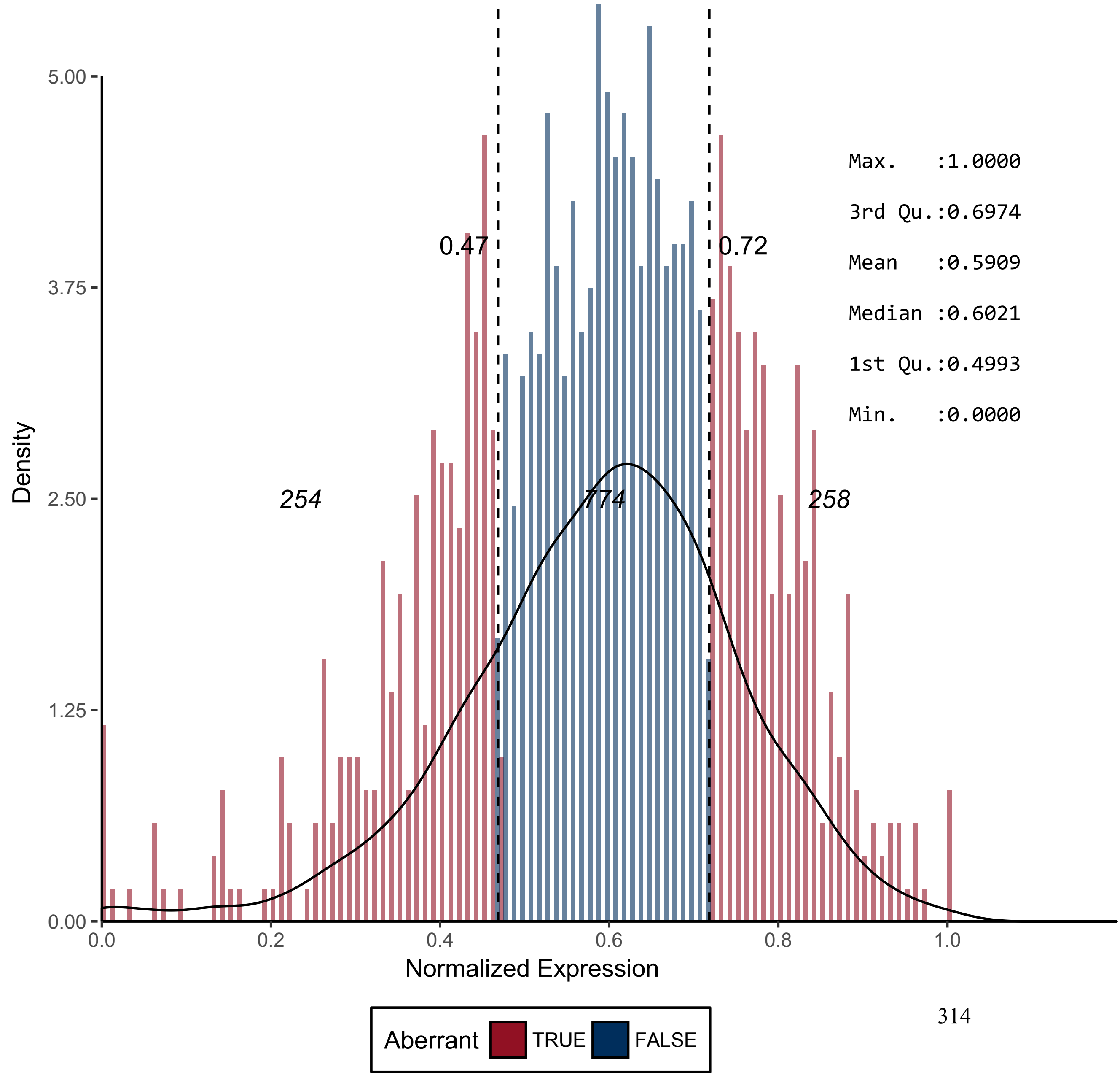


Figure 296 - CD299*
45.00
33.75
22.50
11.25
0.00
Density
0.1
781
505
Max.   :1.0000
3rd Qu.:0.5900
Mean   :0.4906
Median :0.4661
1st Qu.:0.4220
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

Figure 297 - CD300A



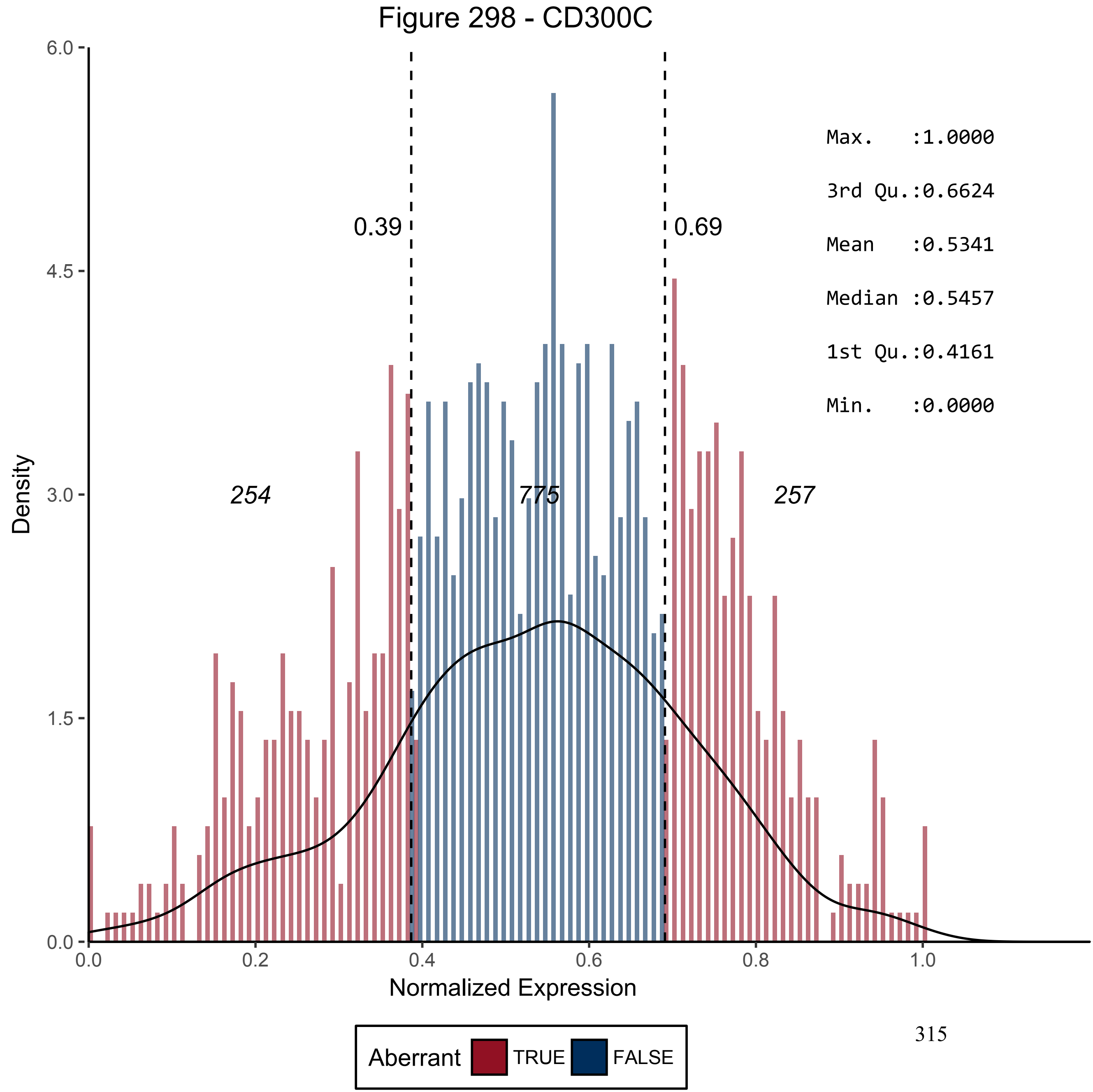


Figure 298 - CD300C
Max.   :1.0000
3rd Qu.:0.6624
Mean   :0.5341
Median :0.5457
1st Qu.:0.4161
Min.   :0.0000
0.39
0.69
254
775
257
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

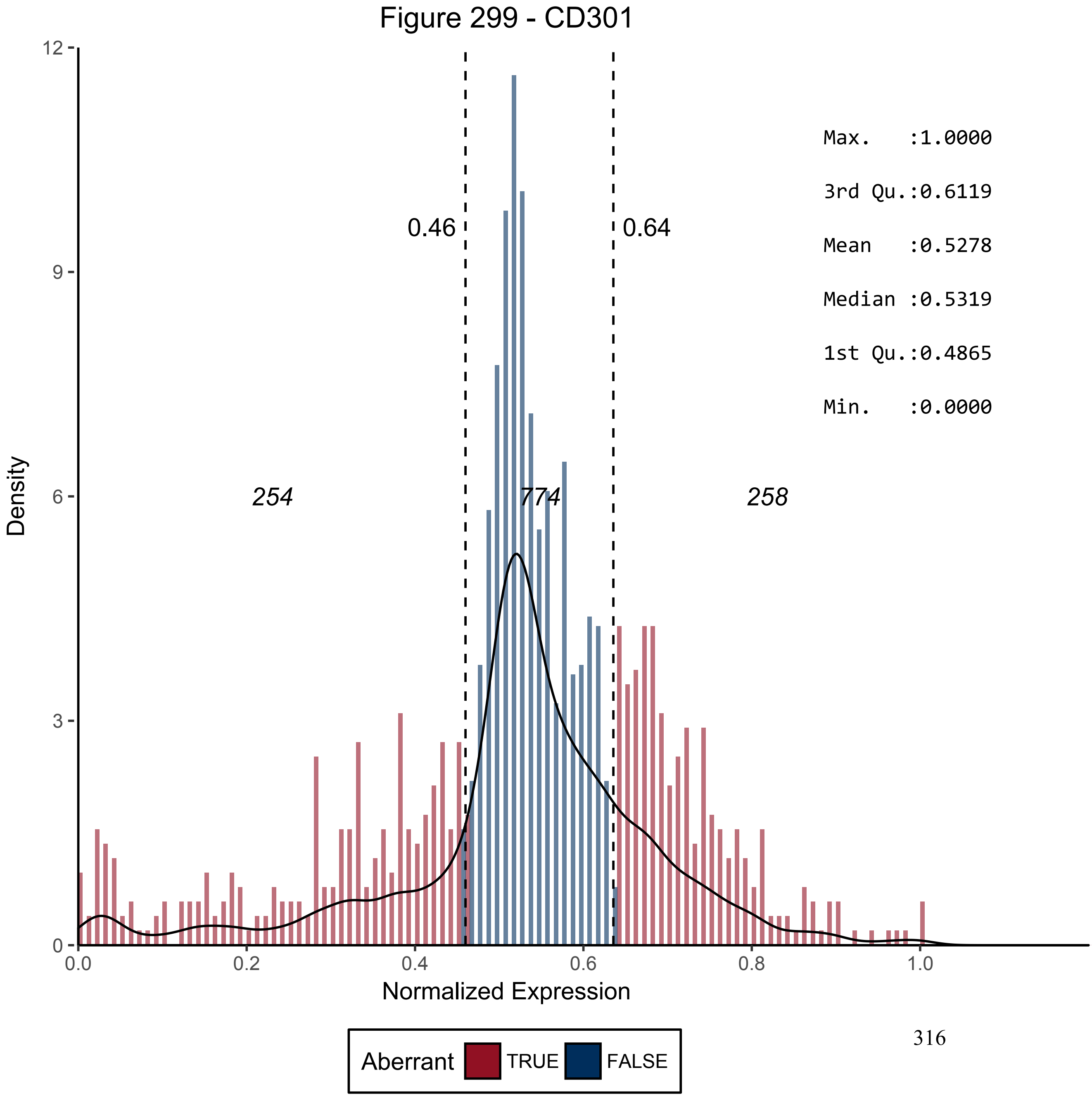


Figure 299 - CD301
12
9
6
3
0
Density
0.46
0.64
254
774
258
Max.   :1.0000
3rd Qu.:0.6119
Mean   :0.5278
Median :0.5319
1st Qu.:0.4865
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

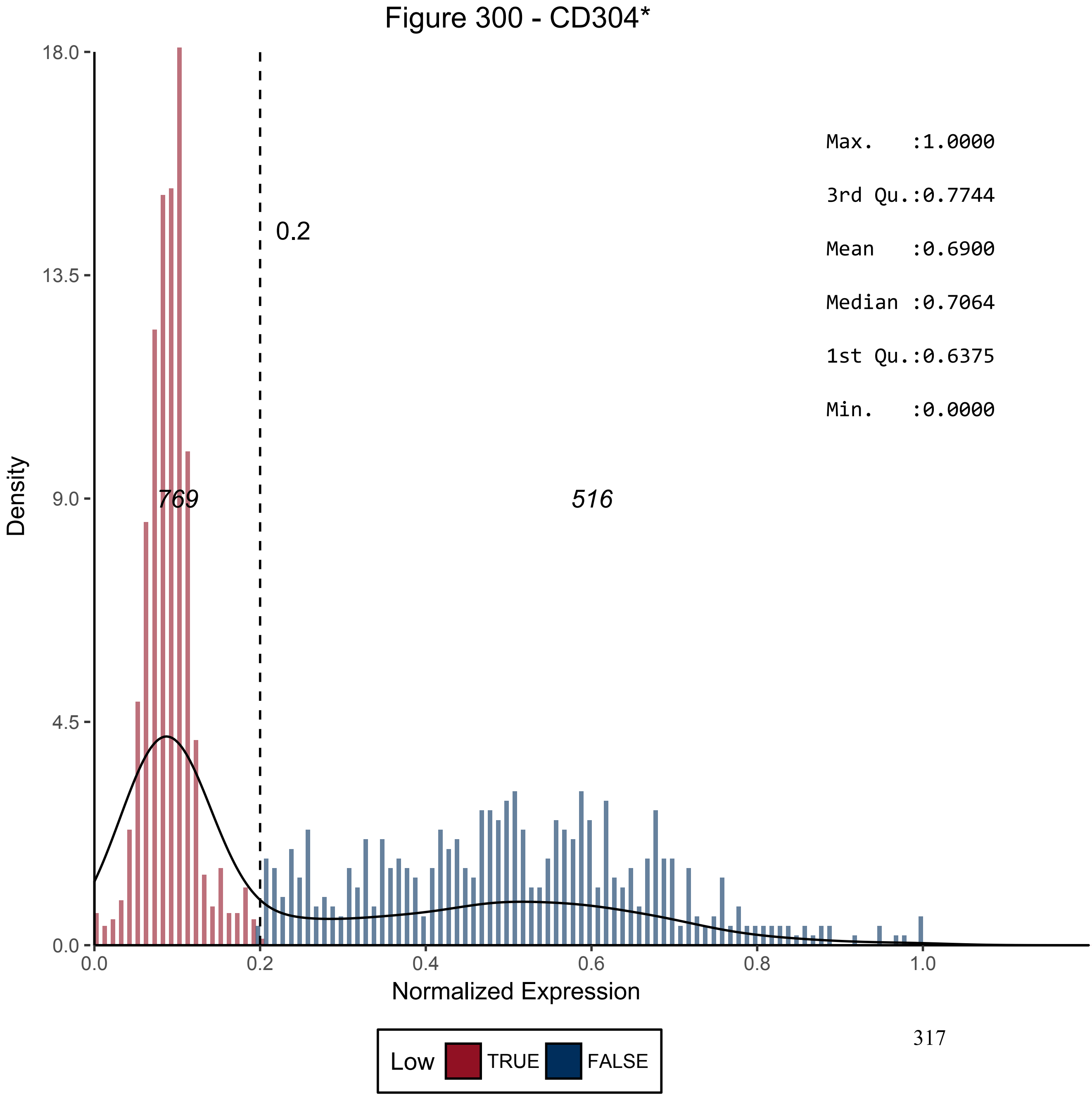


Figure 300 - CD304*
Max.   :1.0000
3rd Qu.:0.7744
Mean   :0.6900
Median :0.7064
1st Qu.:0.6375
Min.   :0.0000
0.2
769
516
Density
Normalized Expression
18.0
13.5
9.0
4.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

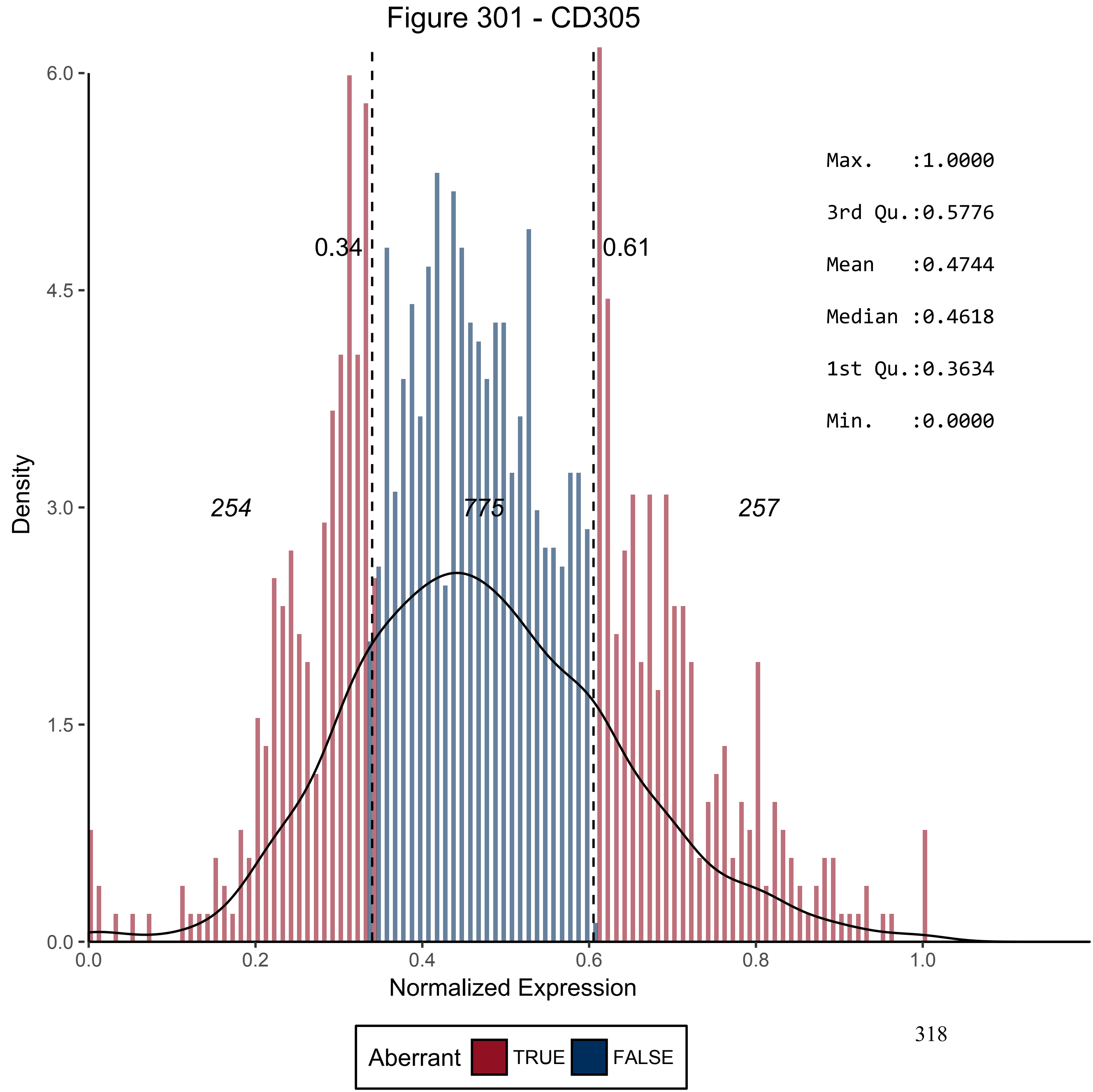
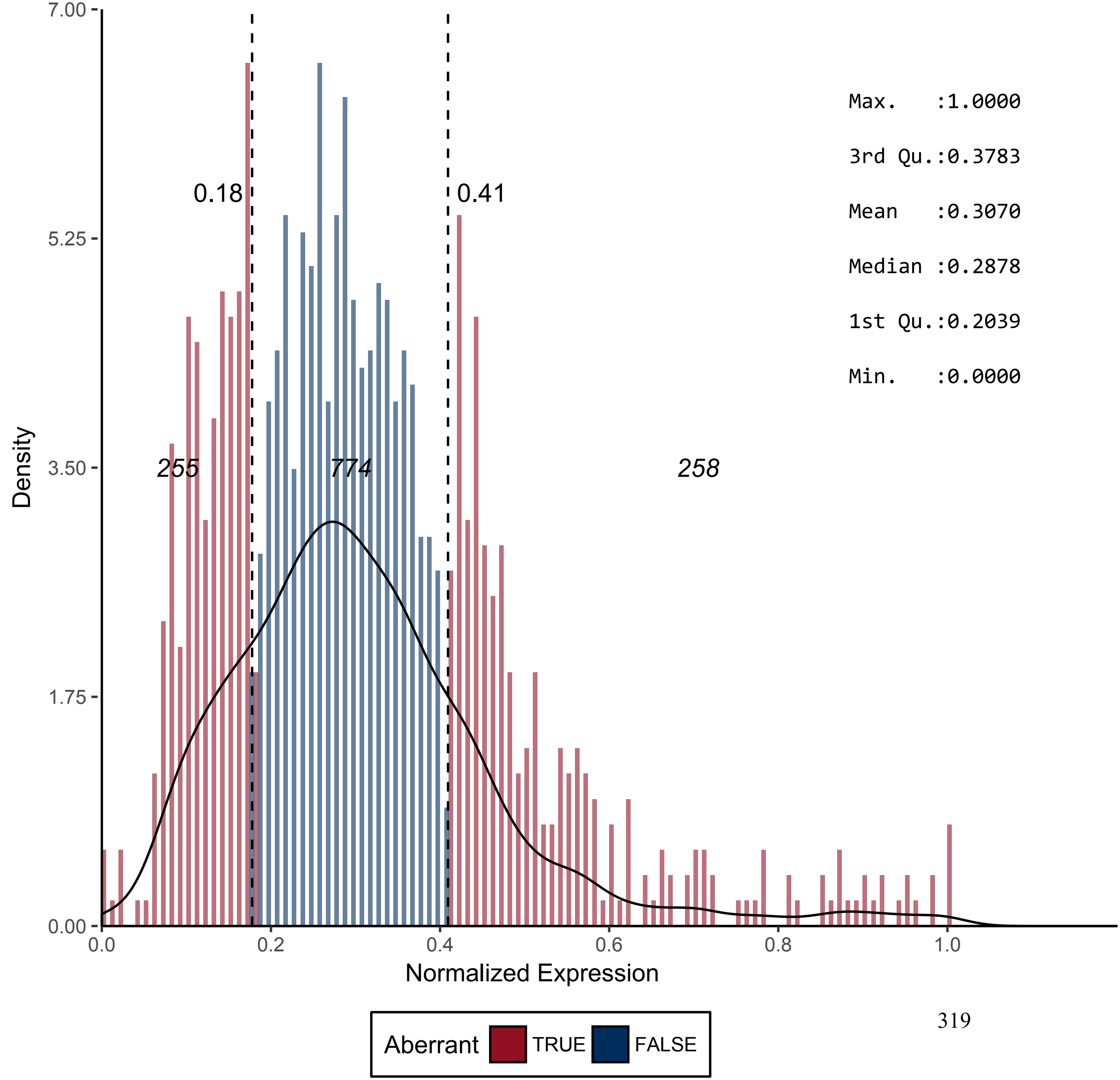


Figure 301 - CD305
6.0
4.5
3.0
1.5
0.0
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.34
0.61
254
775
257
Max.   :1.0000
3rd Qu.:0.5776
Mean   :0.4744
Median :0.4618
1st Qu.:0.3634
Min.   :0.0000
Aberrant
TRUE
FALSE

Figure 302 - CD306



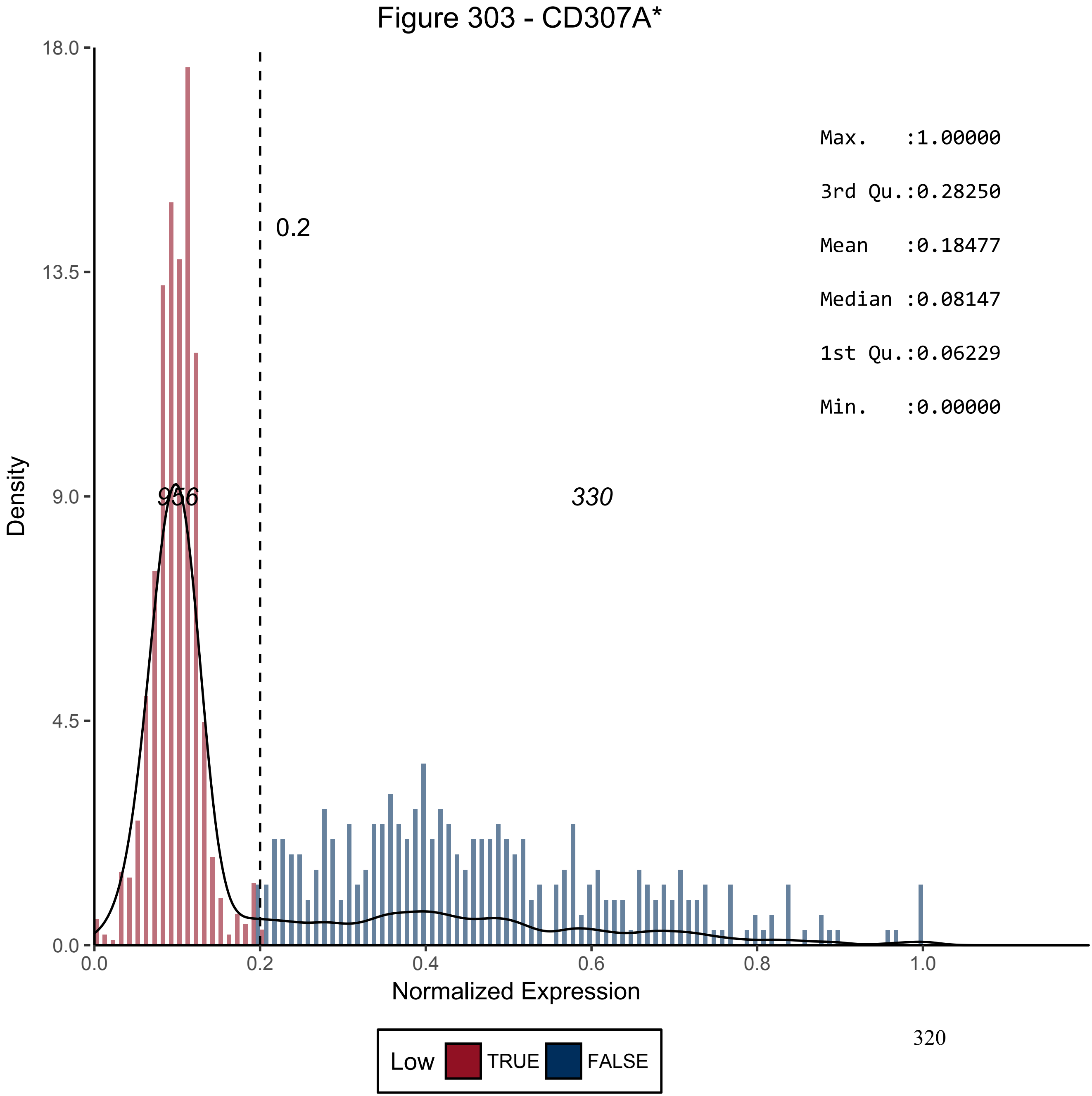


Figure 303 - CD307A*
18.0
13.5
9.0
4.5
0.0
Density
0.2
956
330
Max. :1.00000
3rd Qu.:0.28250
Mean :0.18477
Median :0.08147
1st Qu.:0.06229
Min. :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

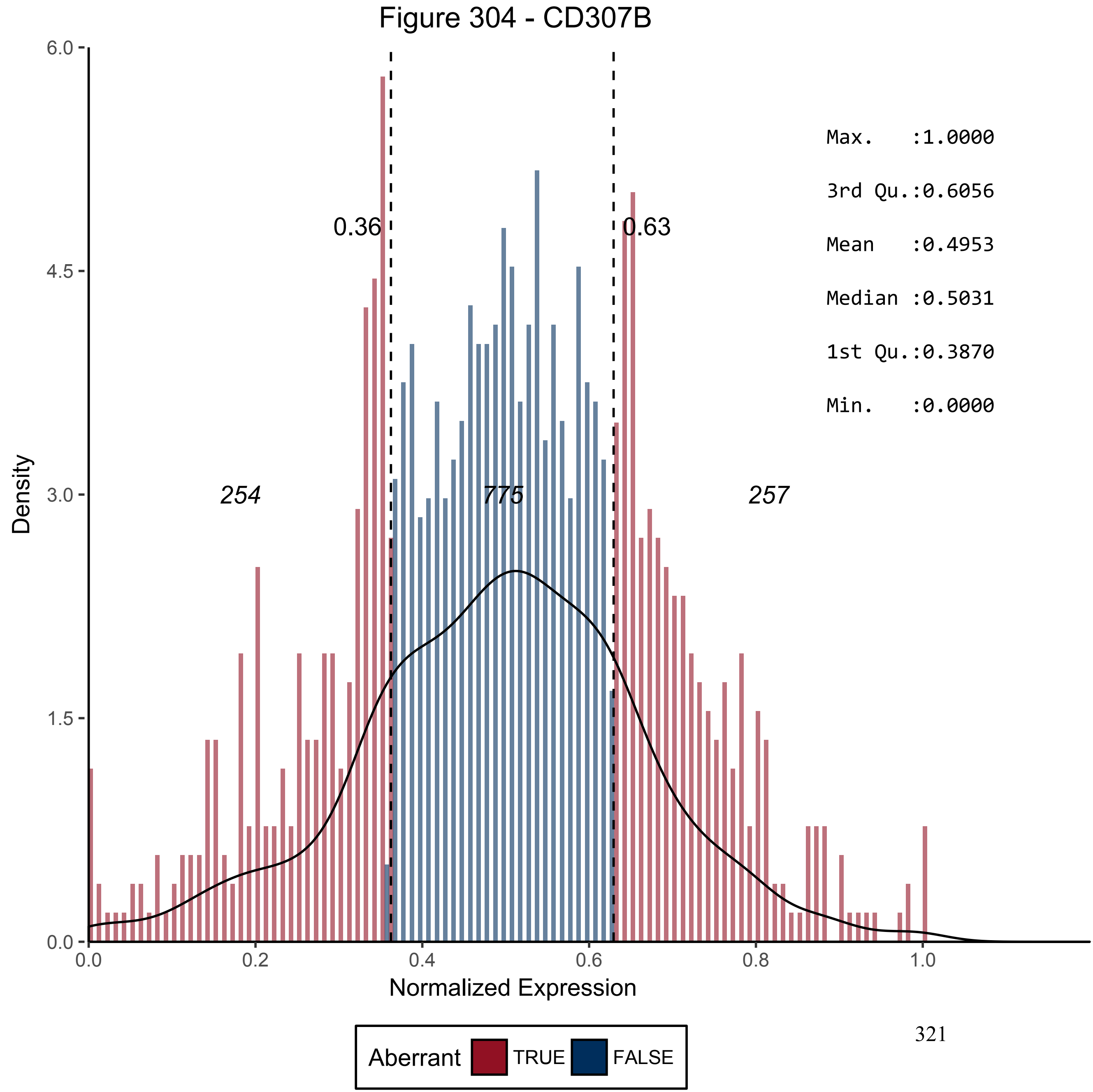


Figure 304 - CD307B
Density
Normalized Expression
0.36
0.63
254
775
257
Max.   :1.0000
3rd Qu.:0.6056
Mean   :0.4953
Median :0.5031
1st Qu.:0.3870
Min.   :0.0000
0.0
1.5
3.0
4.5
6.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

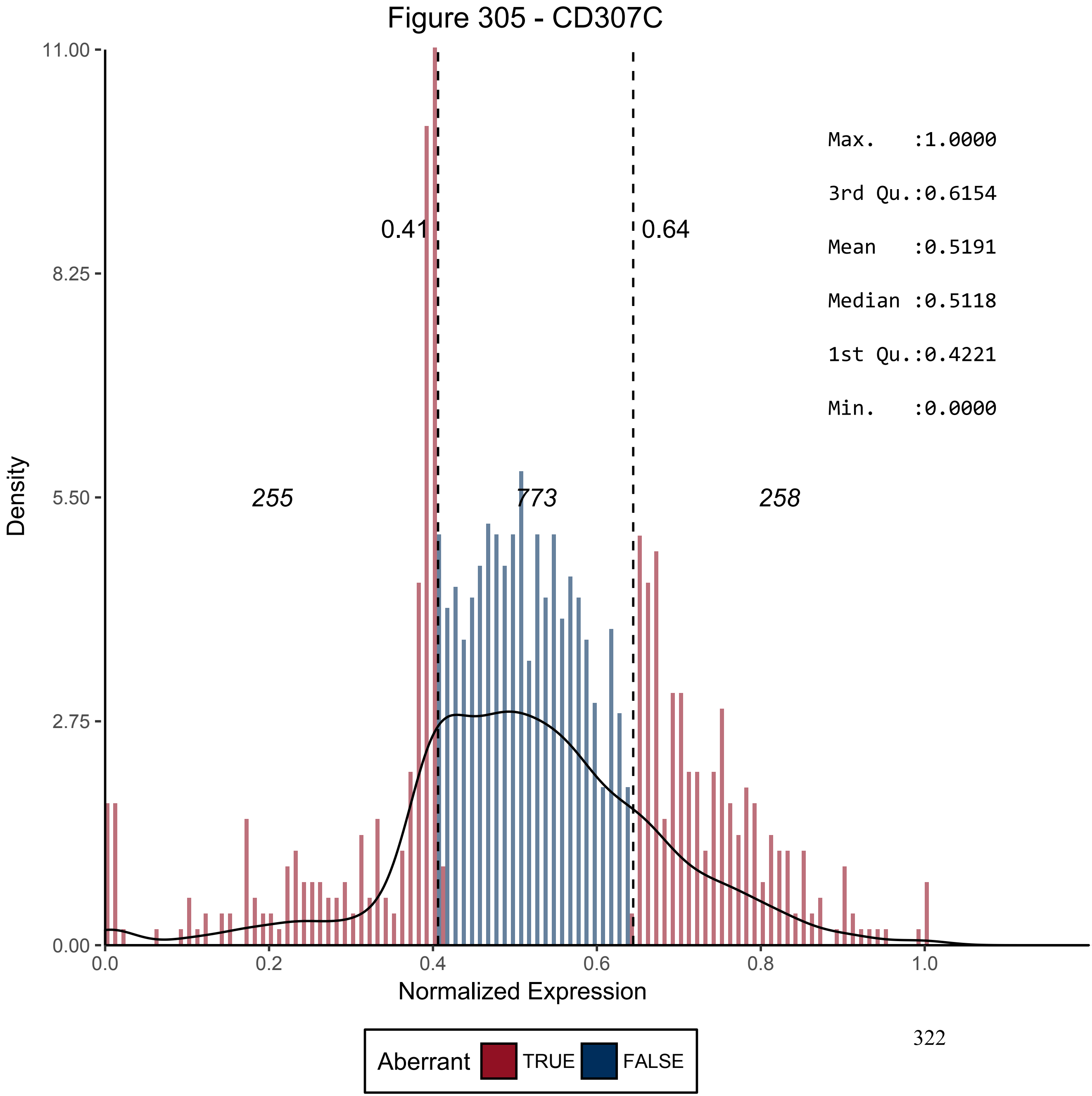


Figure 305 - CD307C
11.00
8.25
5.50
2.75
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.41
0.64
255
773
258
Max.   :1.0000
3rd Qu.:0.6154
Mean   :0.5191
Median :0.5118
1st Qu.:0.4221
Min.   :0.0000
Aberrant
TRUE
FALSE

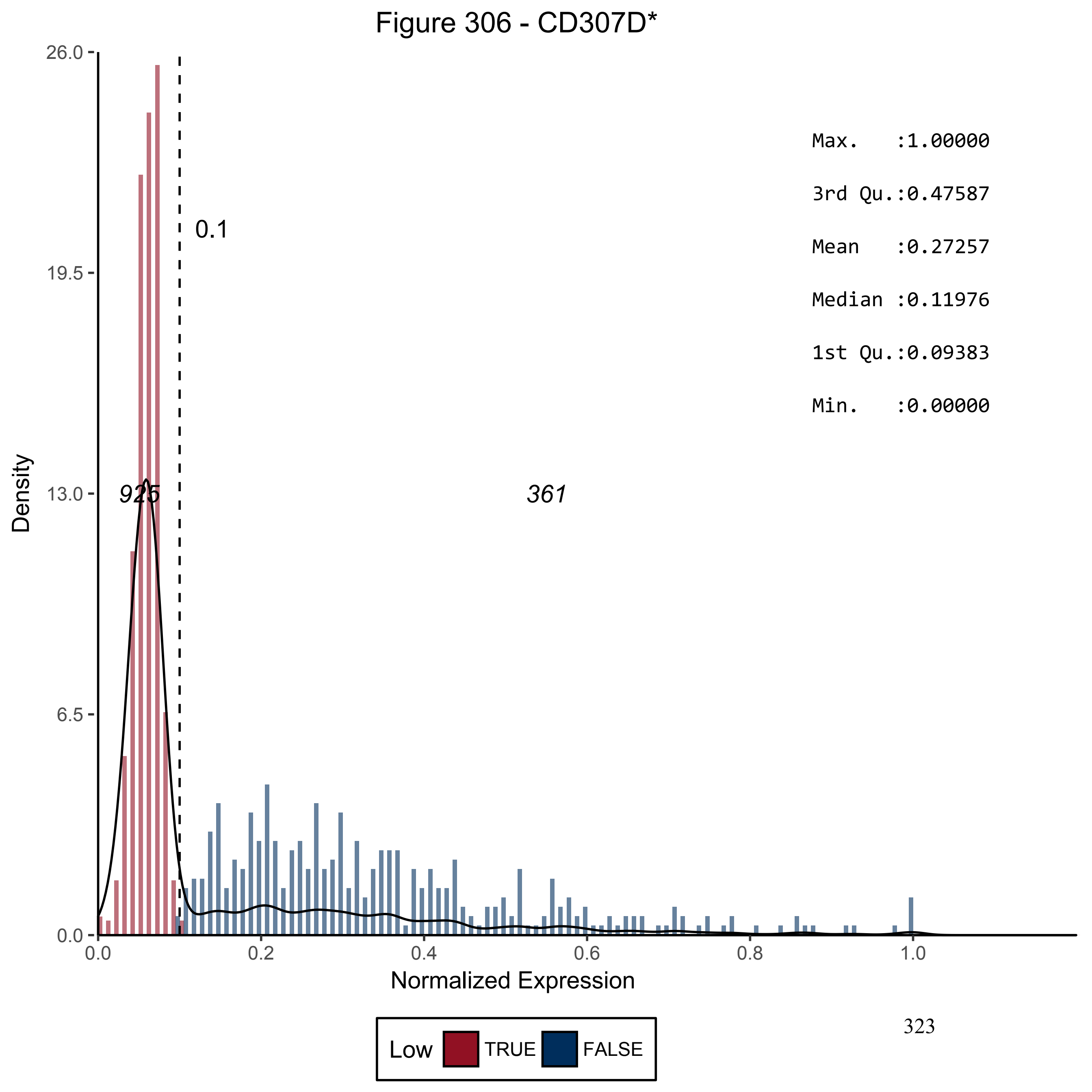


Figure 306 - CD307D*
Density
Normalized Expression
26.0
19.5
13.0
6.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
0.1
925
361
Max. :1.00000
3rd Qu.:0.47587
Mean :0.27257
Median :0.11976
1st Qu.:0.09383
Min. :0.00000
Low
TRUE
FALSE

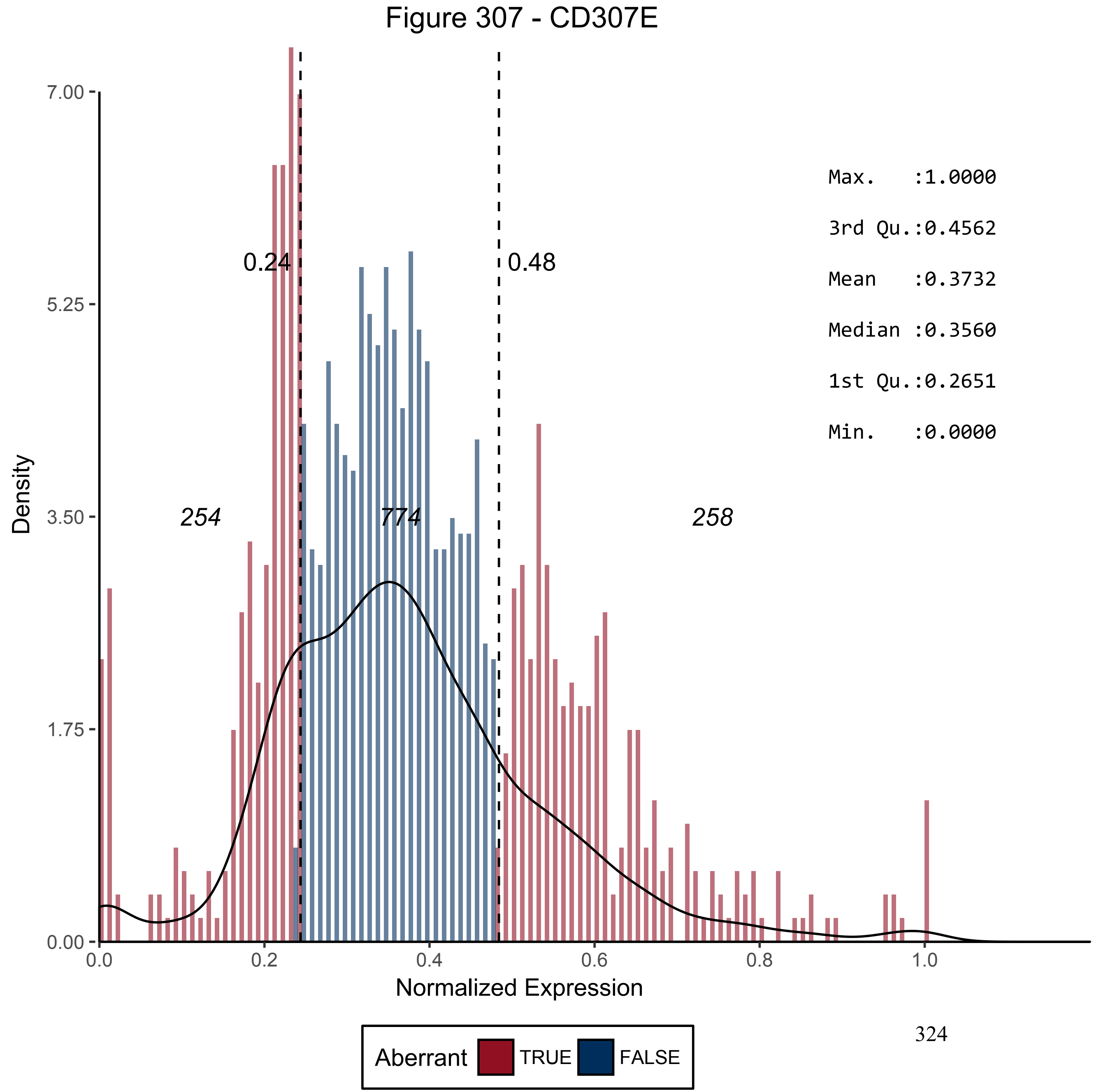


Figure 307 - CD307E
Max. :1.0000
3rd Qu.:0.4562
Mean :0.3732
Median :0.3560
1st Qu.:0.2651
Min. :0.0000
0.24
0.48
254
774
258
Density
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

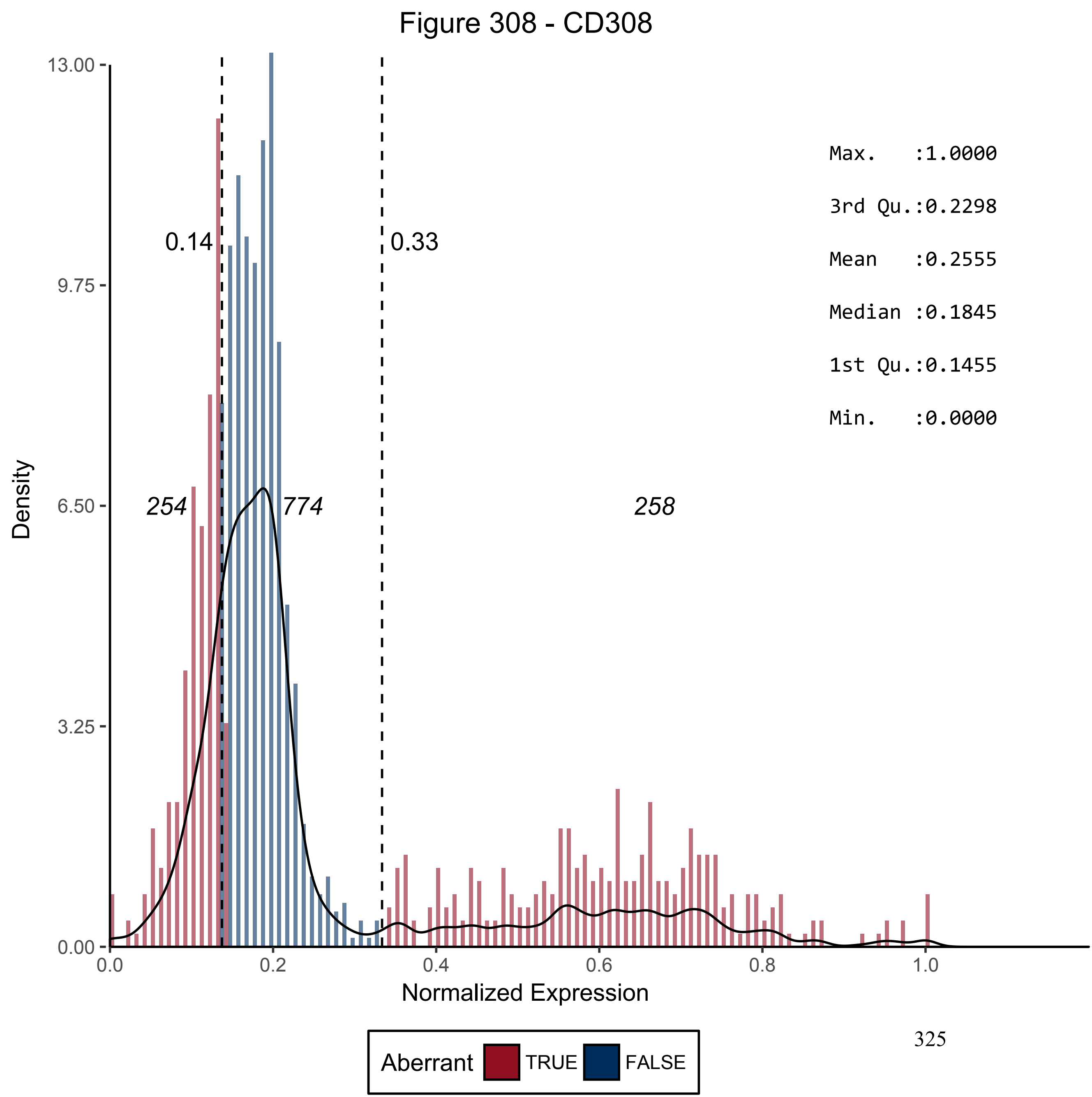


Figure 308 - CD308
Max.   :1.0000
3rd Qu.:0.2298
Mean   :0.2555
Median :0.1845
1st Qu.:0.1455
Min.   :0.0000
0.14
0.33
254
774
258
Density
Normalized Expression
13.00
9.75
6.50
3.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

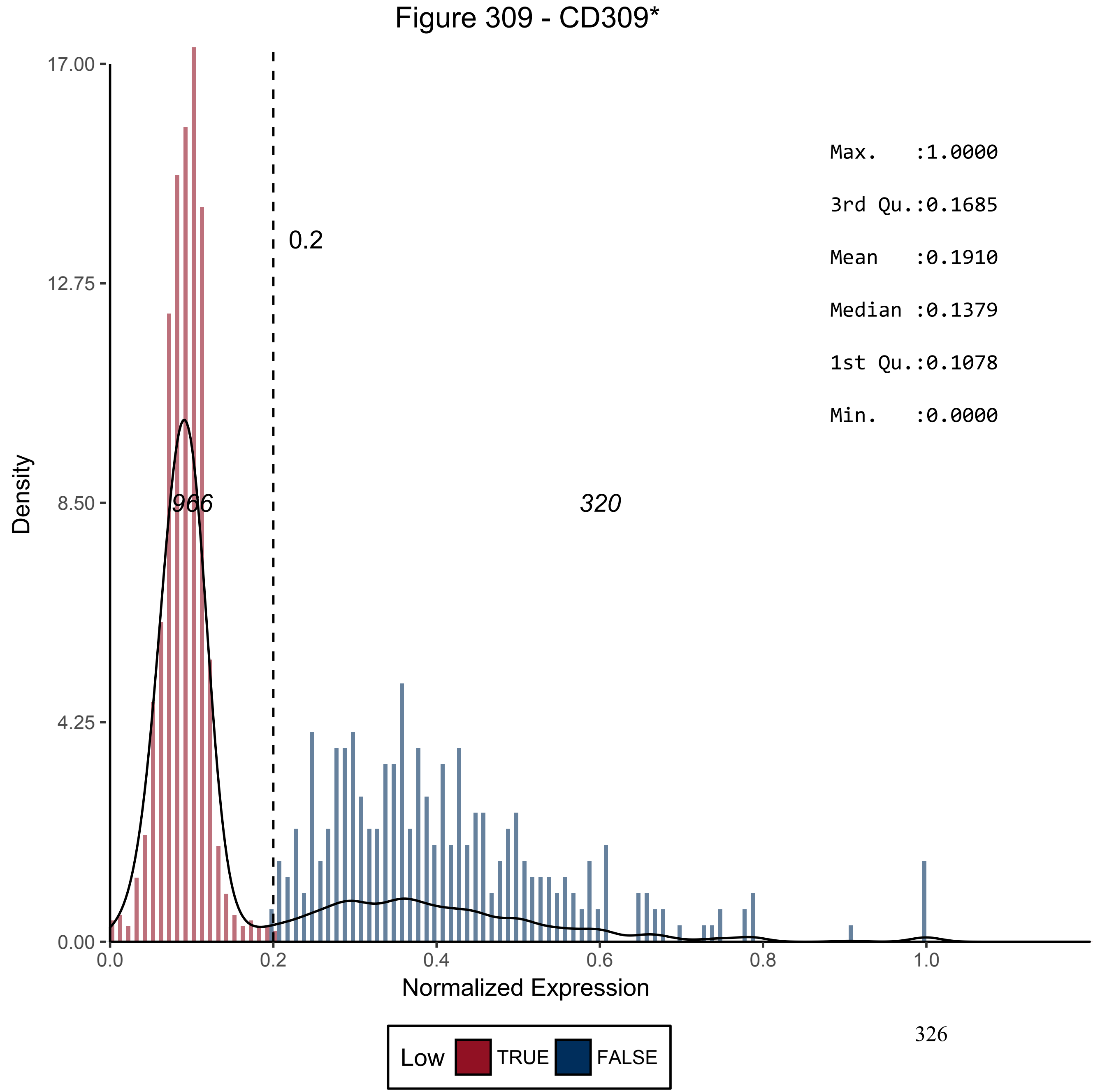


Figure 309 - CD309*
Max. :1.0000
3rd Qu.:0.1685
Mean :0.1910
Median :0.1379
1st Qu.:0.1078
Min. :0.0000
0.2
966
320
Density
17.00
12.75
8.50
4.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

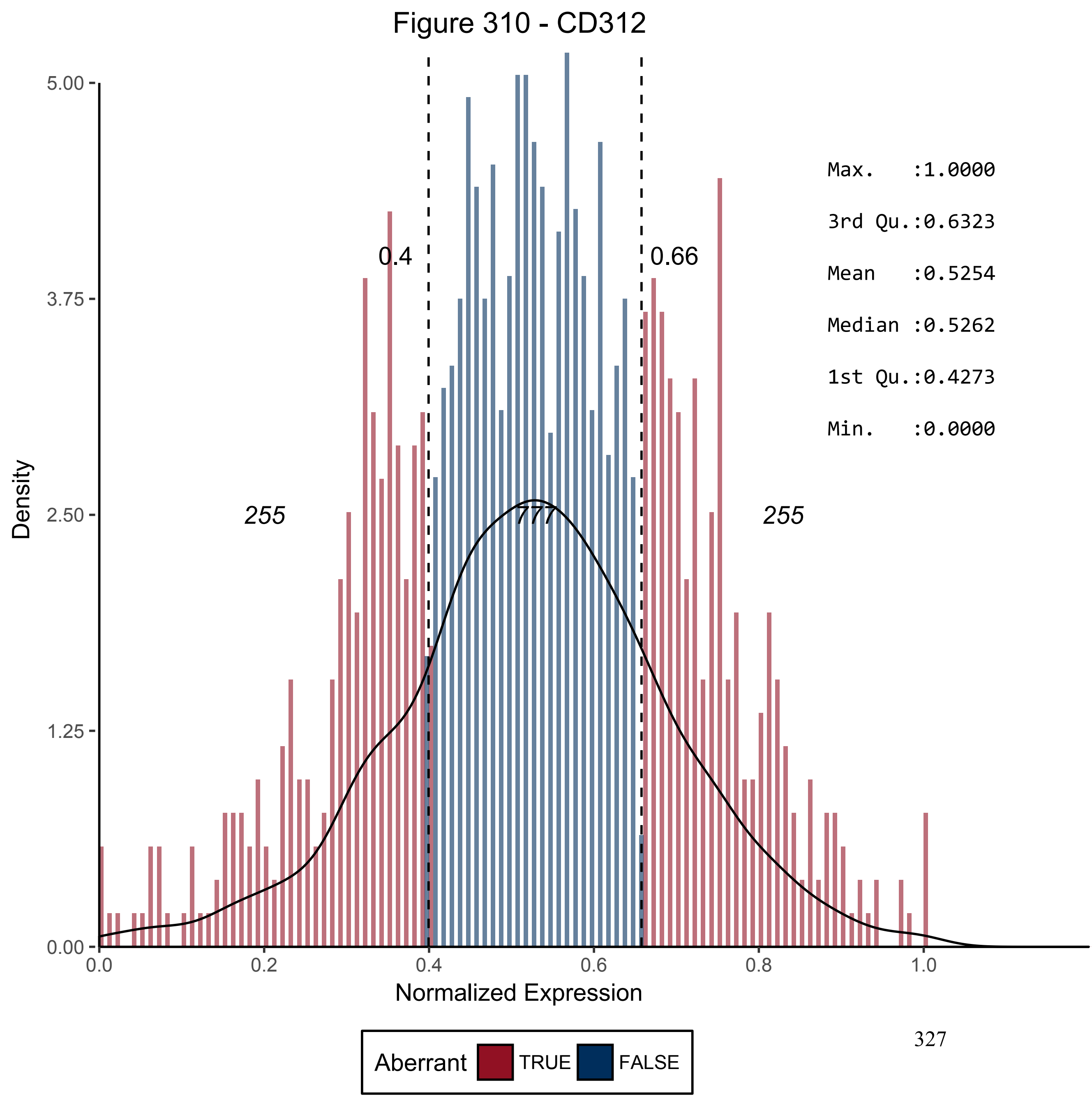
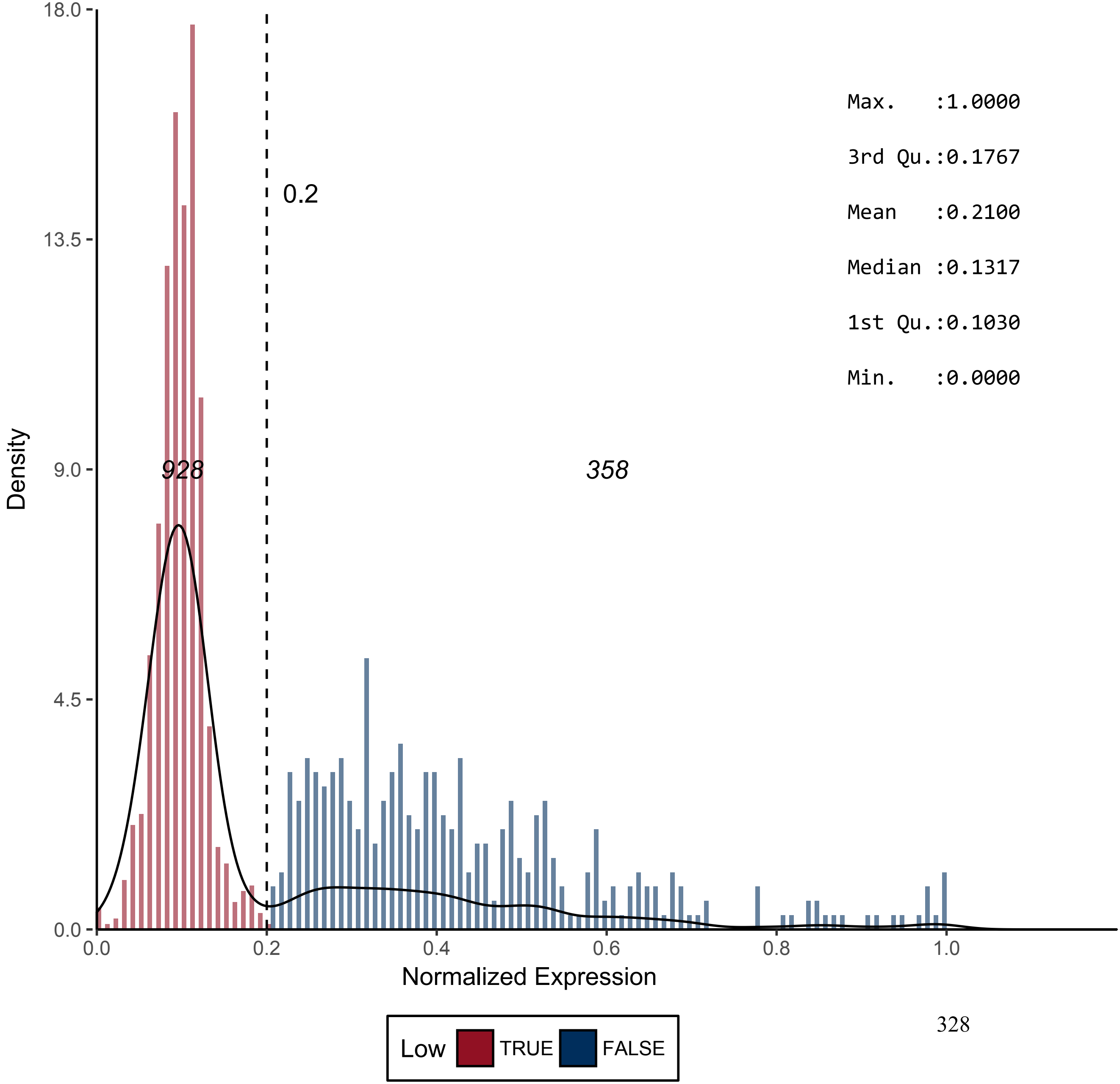


Figure 310 - CD312
Density
Normalized Expression
0.4
0.66
255
777
255
Max. :1.0000
3rd Qu.:0.6323
Mean :0.5254
Median :0.5262
1st Qu.:0.4273
Min. :0.0000
0.00
1.25
2.50
3.75
5.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 311 - CD315*



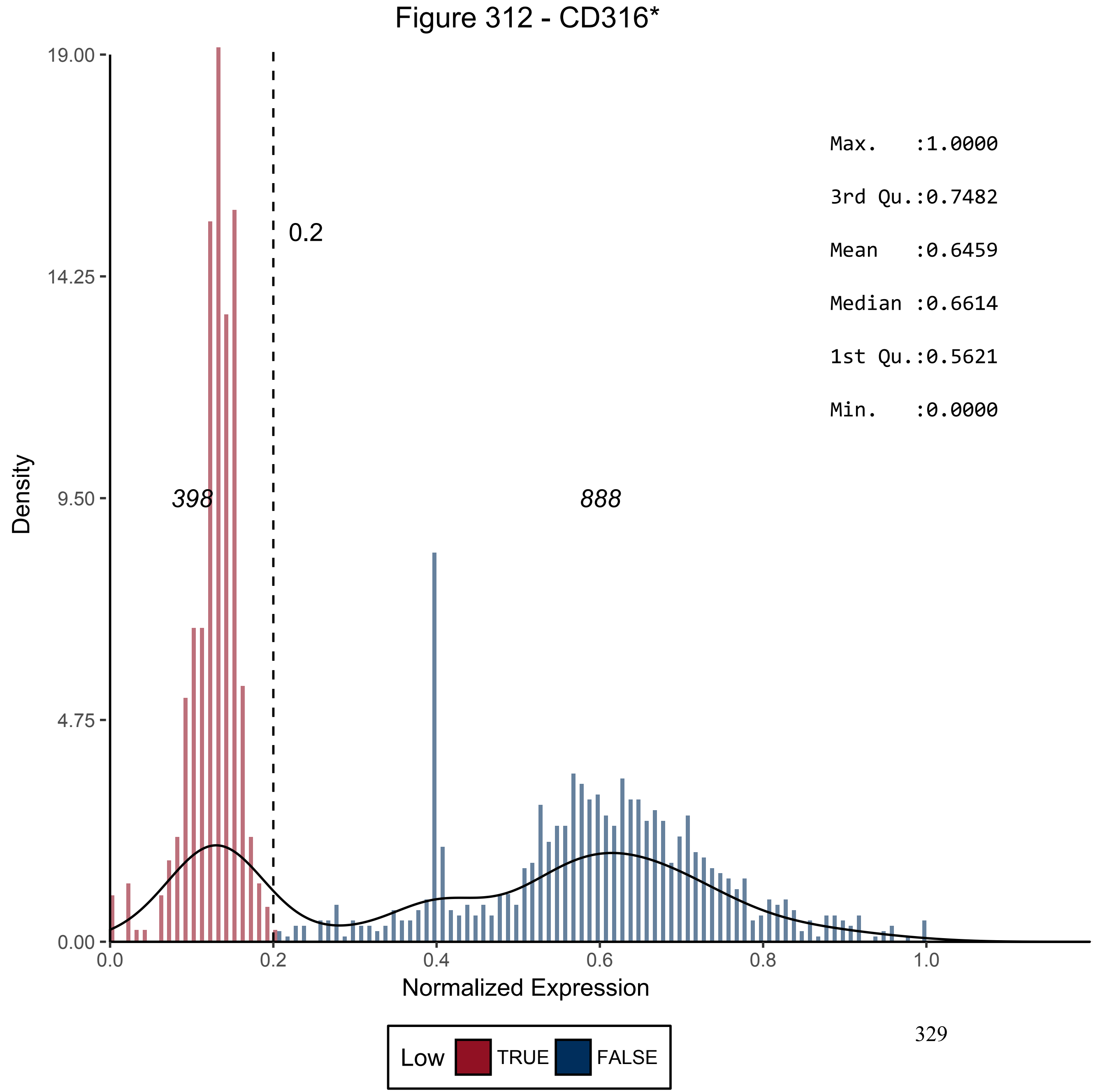


Figure 312 - CD316*
19.00
14.25
9.50
4.75
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.2
398
888
Max.   :1.0000
3rd Qu.:0.7482
Mean   :0.6459
Median :0.6614
1st Qu.:0.5621
Min.   :0.0000
Low
TRUE
FALSE

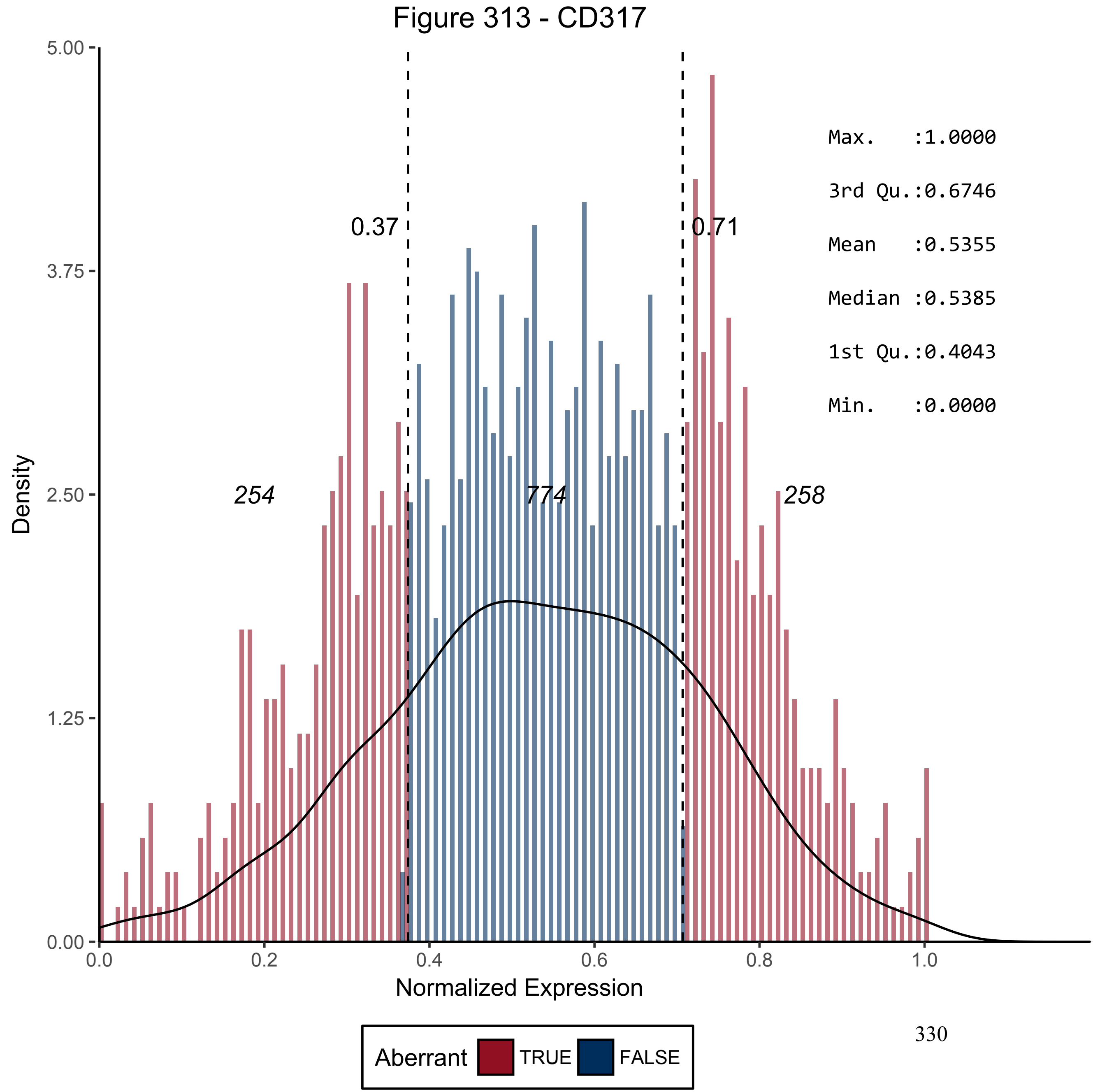
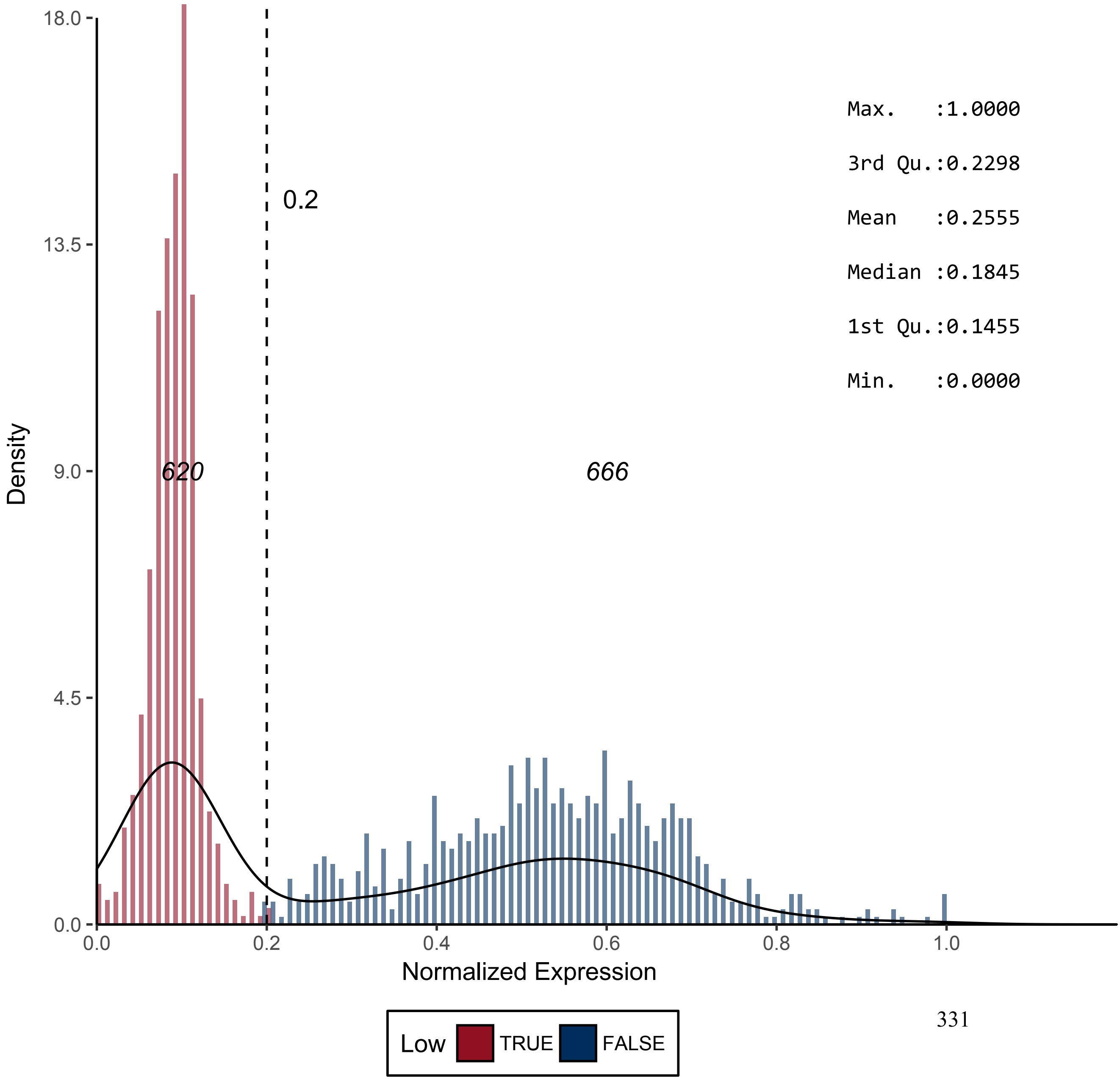


Figure 313 - CD317
Max. :1.0000
3rd Qu.:0.6746
Mean :0.5355
Median :0.5385
1st Qu.:0.4043
Min. :0.0000
0.37
0.71
254
774
258
Density
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 314 - CD318*



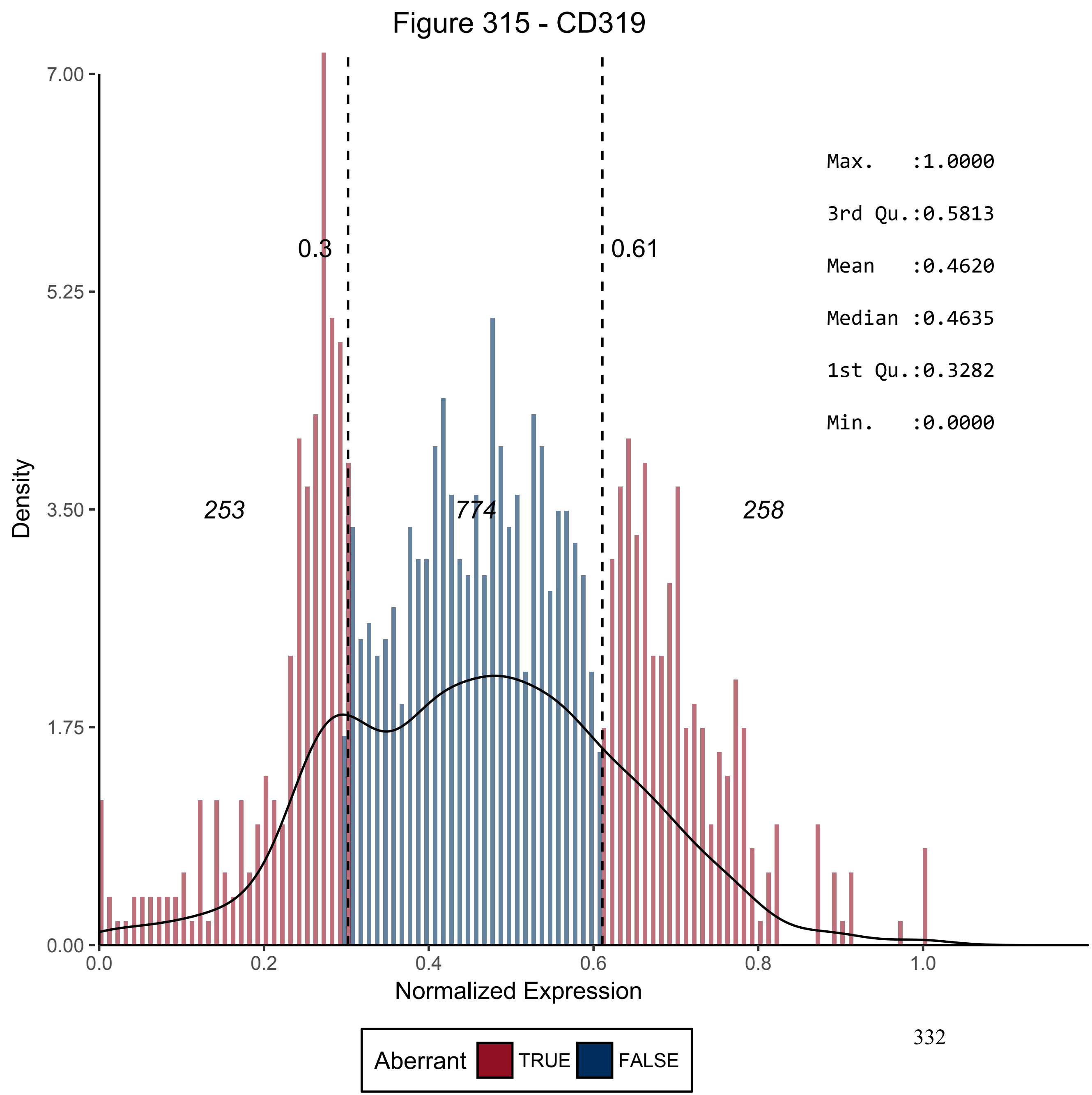


Figure 315 - CD319
Density
Normalized Expression
7.00
5.25
3.50
1.75
0.00
0.0
0.2
0.4
0.6
0.8
1.0
0.3
0.61
253
774
258
Max. :1.0000
3rd Qu.:0.5813
Mean :0.4620
Median :0.4635
1st Qu.:0.3282
Min. :0.0000
Aberrant
TRUE
FALSE

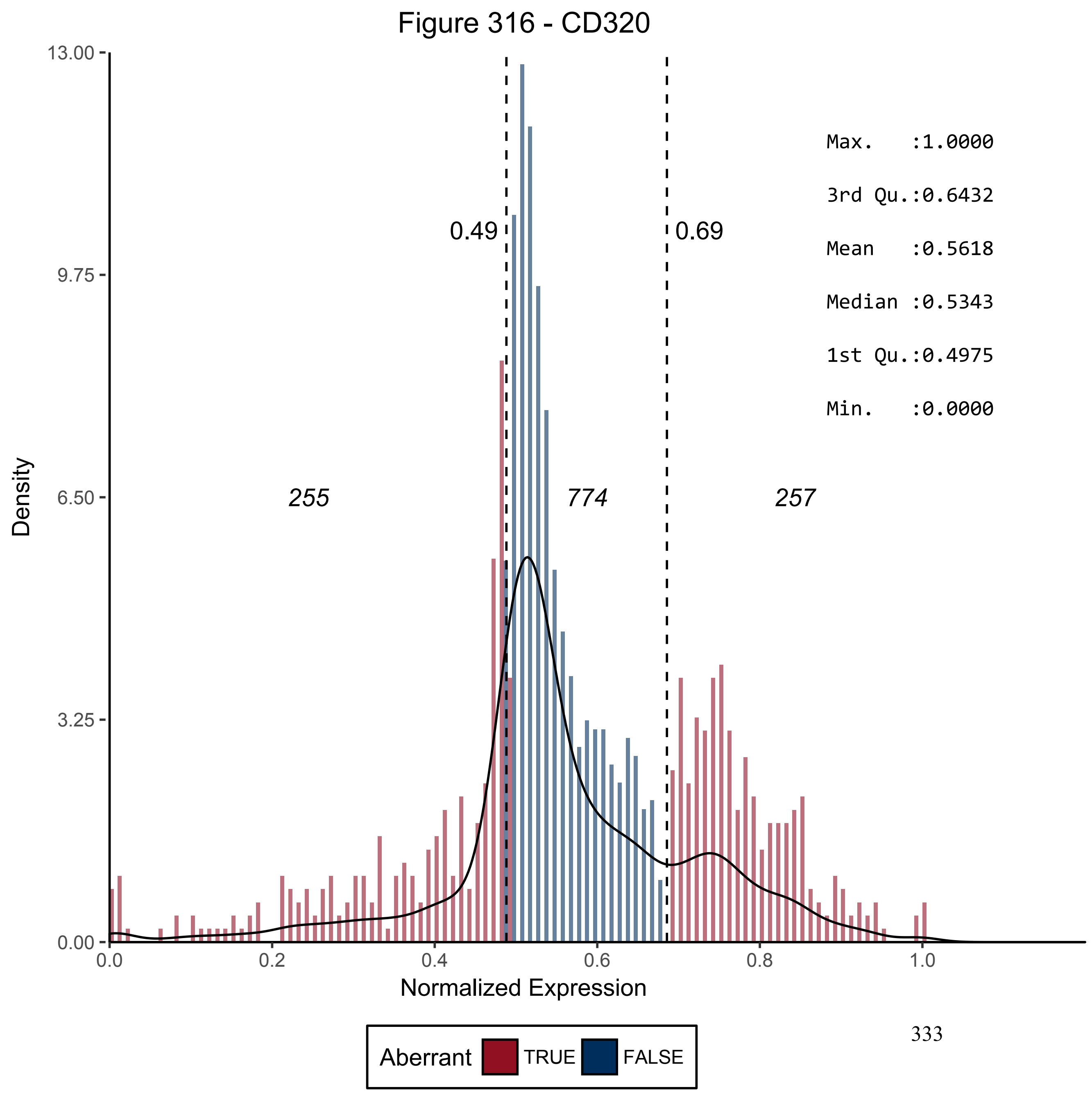


Figure 316 - CD320
13.00
9.75
6.50
3.25
0.00
Density
0.49
0.69
255
774
257
Max. :1.0000
3rd Qu.:0.6432
Mean :0.5618
Median :0.5343
1st Qu.:0.4975
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

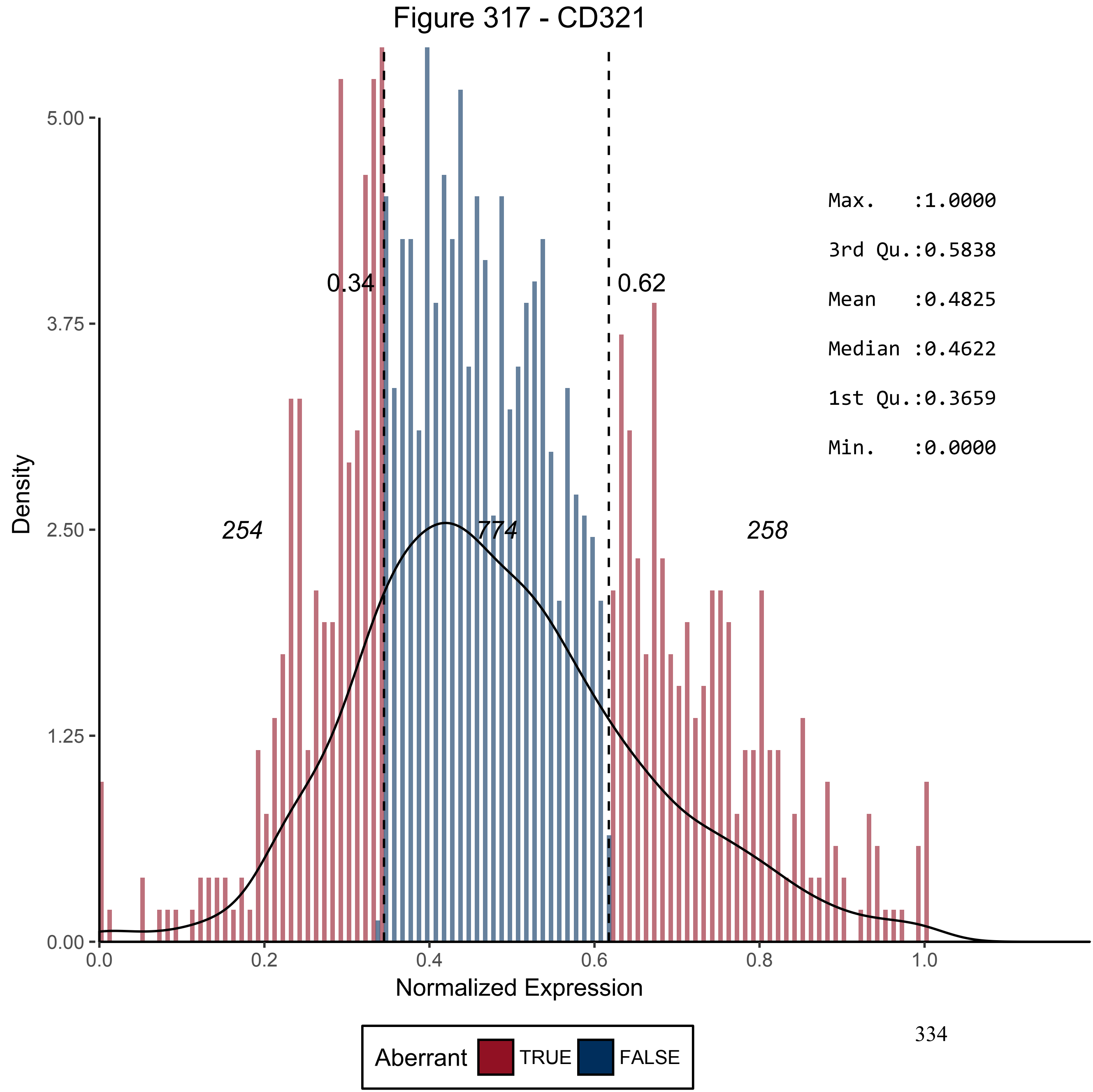


Figure 317 - CD321
Density
Normalized Expression
0.34
0.62
254
774
258
Max.   :1.0000
3rd Qu.:0.5838
Mean   :0.4825
Median :0.4622
1st Qu.:0.3659
Min.   :0.0000
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

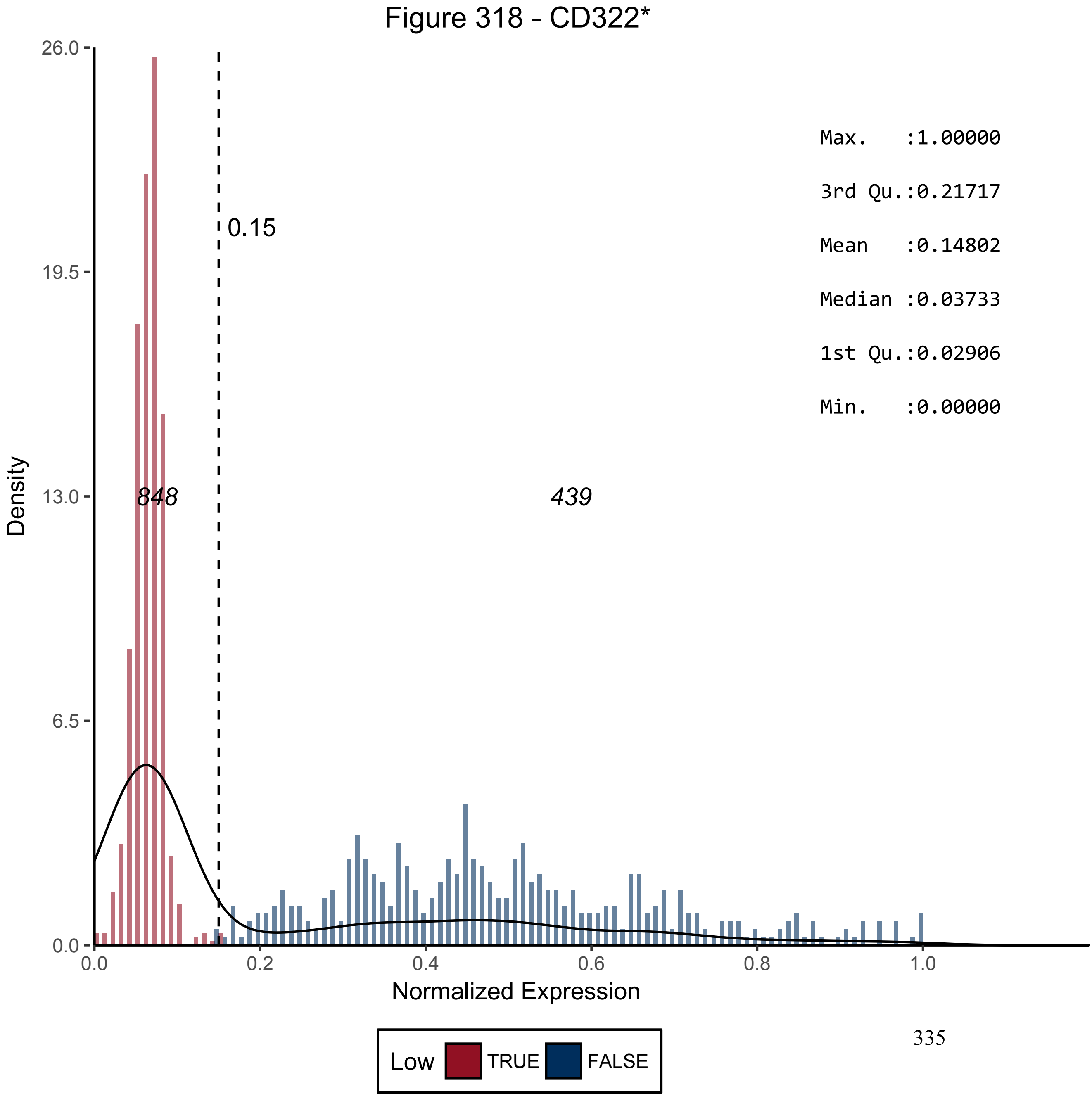


Figure 318 - CD322*
26.0
19.5
13.0
6.5
0.0
Density
0.15
848
439
Max.   :1.00000
3rd Qu.:0.21717
Mean   :0.14802
Median :0.03733
1st Qu.:0.02906
Min.   :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

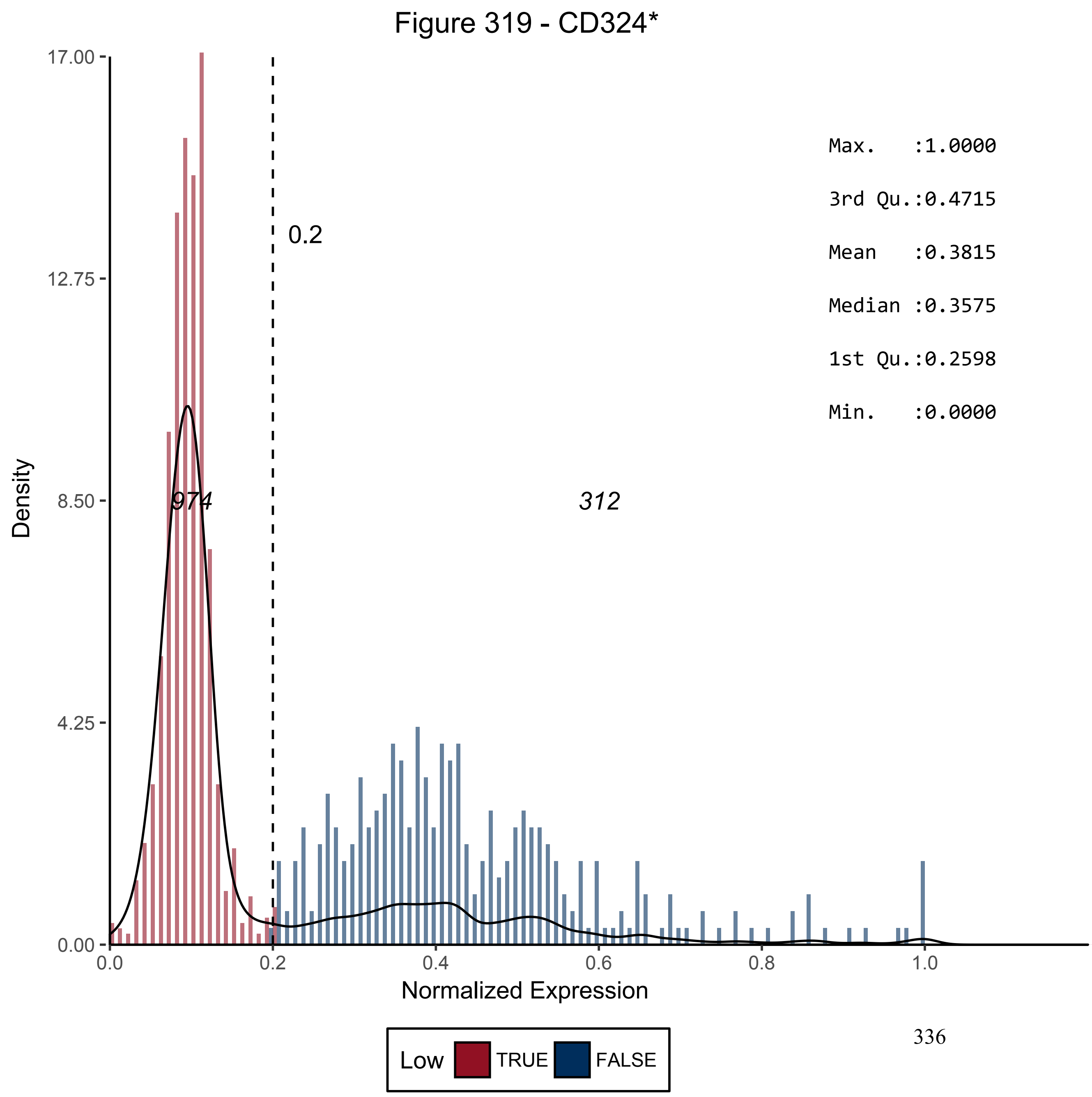


Figure 319 - CD324*
17.00
12.75
8.50
4.25
0.00
Density
0.2
974
312
Max.   :1.0000
3rd Qu.:0.4715
Mean   :0.3815
Median :0.3575
1st Qu.:0.2598
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

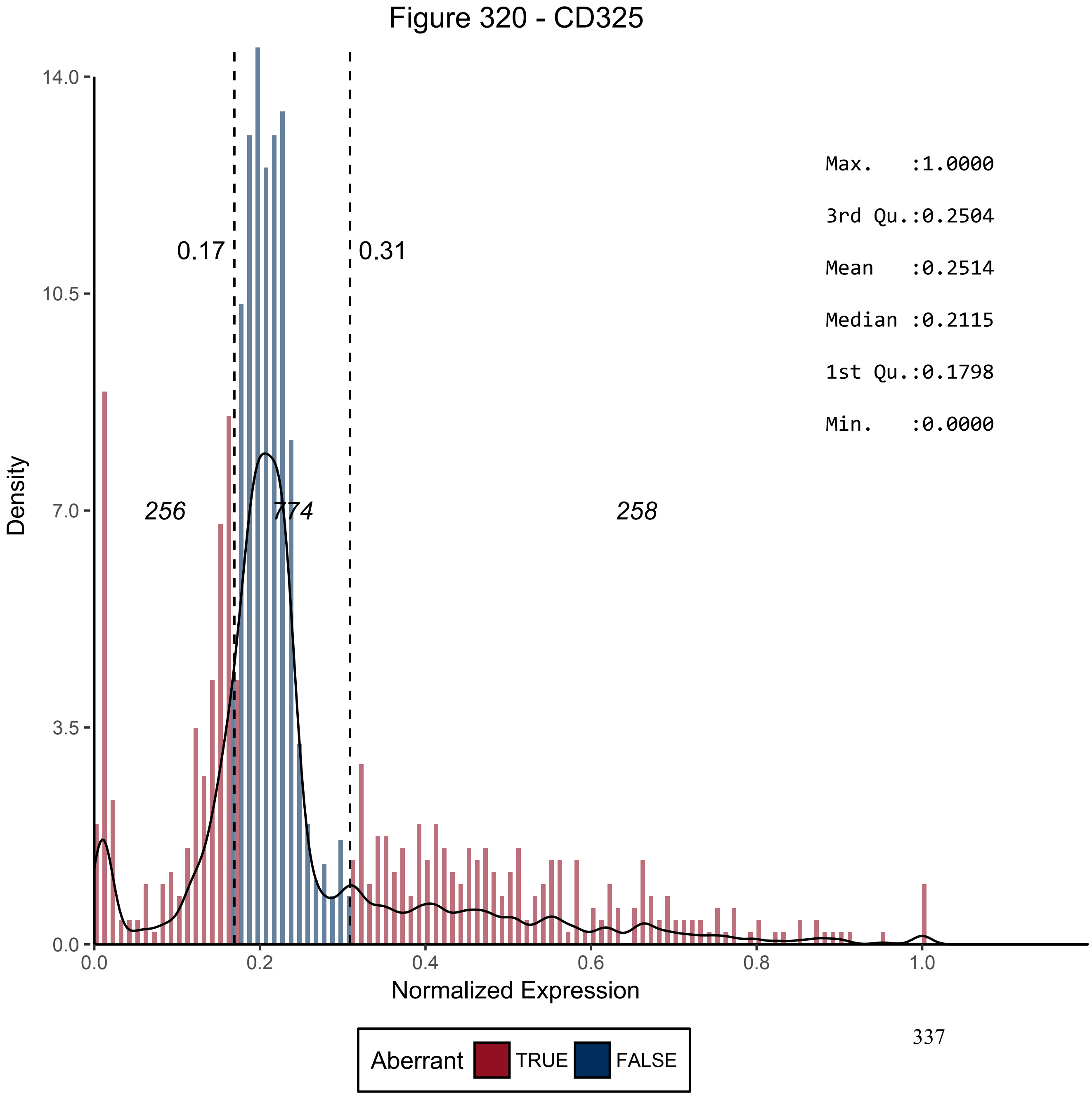


Figure 320 - CD325
14.0
10.5
7.0
3.5
0.0
0.17
0.31
Max.   :1.0000
3rd Qu.:0.2504
Mean   :0.2514
Median :0.2115
1st Qu.:0.1798
Min.   :0.0000
256
774
258
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

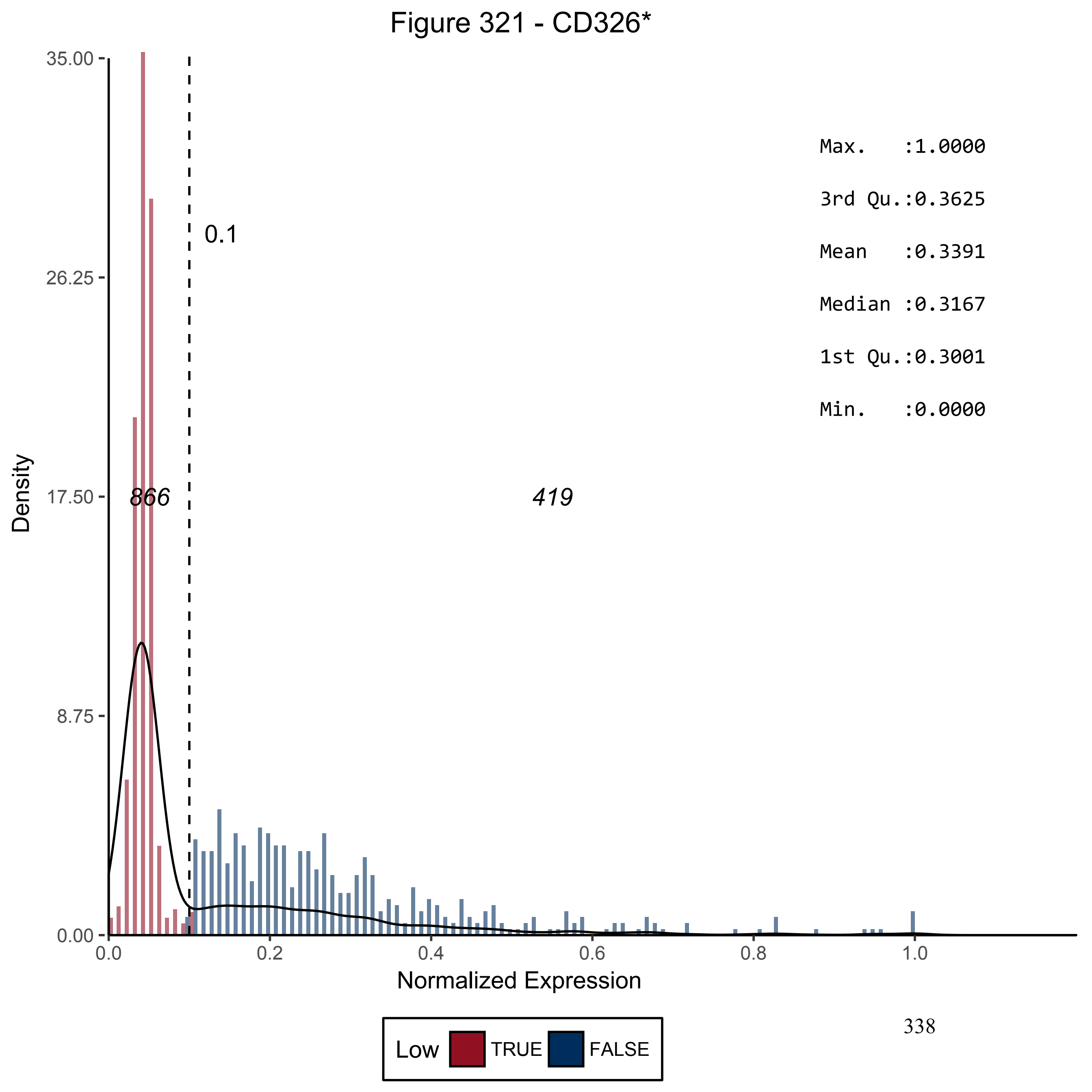
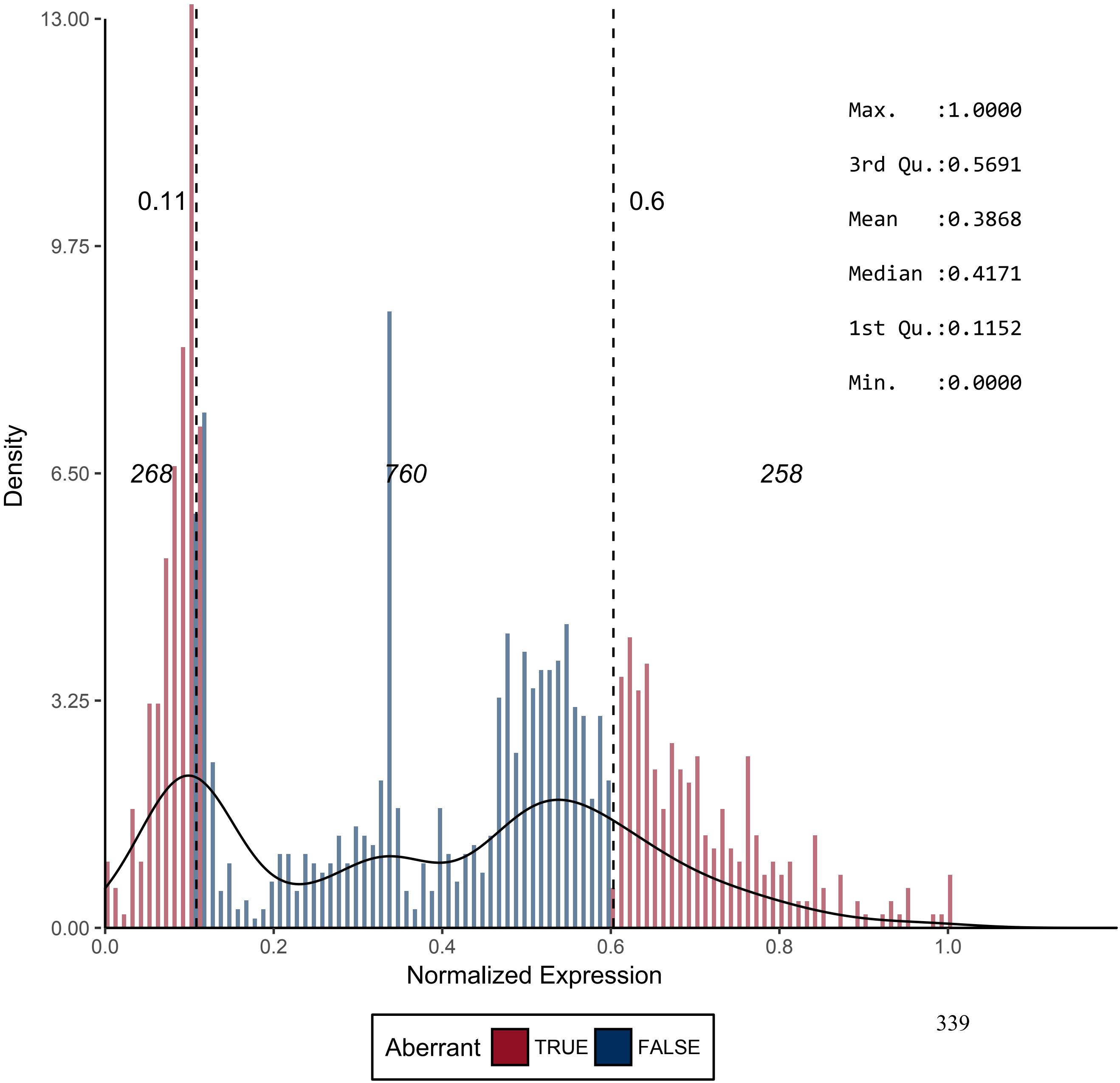


Figure 321 - CD326*
35.00
26.25
17.50
8.75
0.00
Density
0.1
866
419
Max.   :1.0000
3rd Qu.:0.3625
Mean   :0.3391
Median :0.3167
1st Qu.:0.3001
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

Figure 322 - CD327



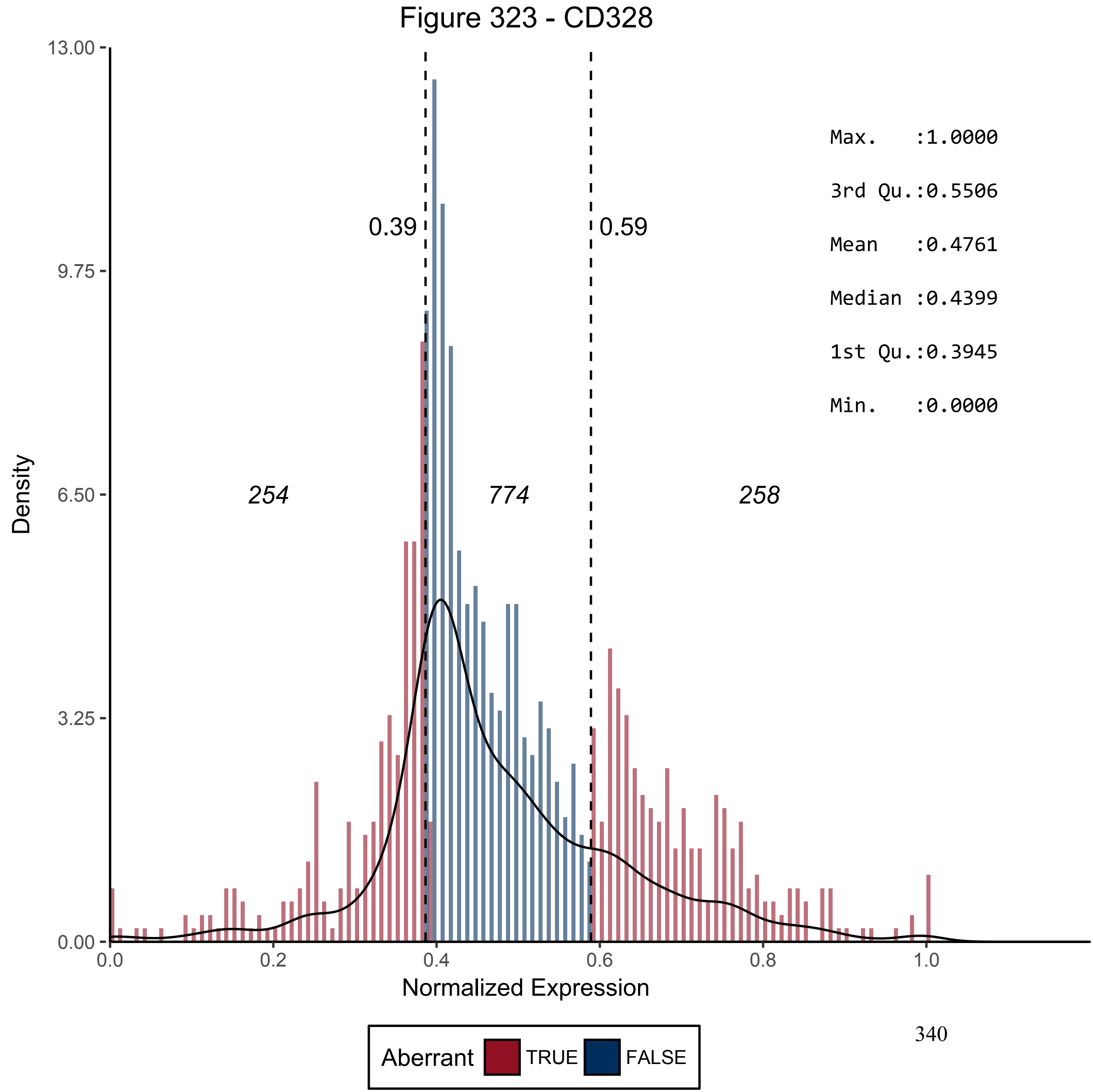


Figure 323 - CD328
13.00
9.75
6.50
3.25
0.00
Density
0.39
0.59
254
774
258
Max. :1.0000
3rd Qu.:0.5506
Mean :0.4761
Median :0.4399
1st Qu.:0.3945
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

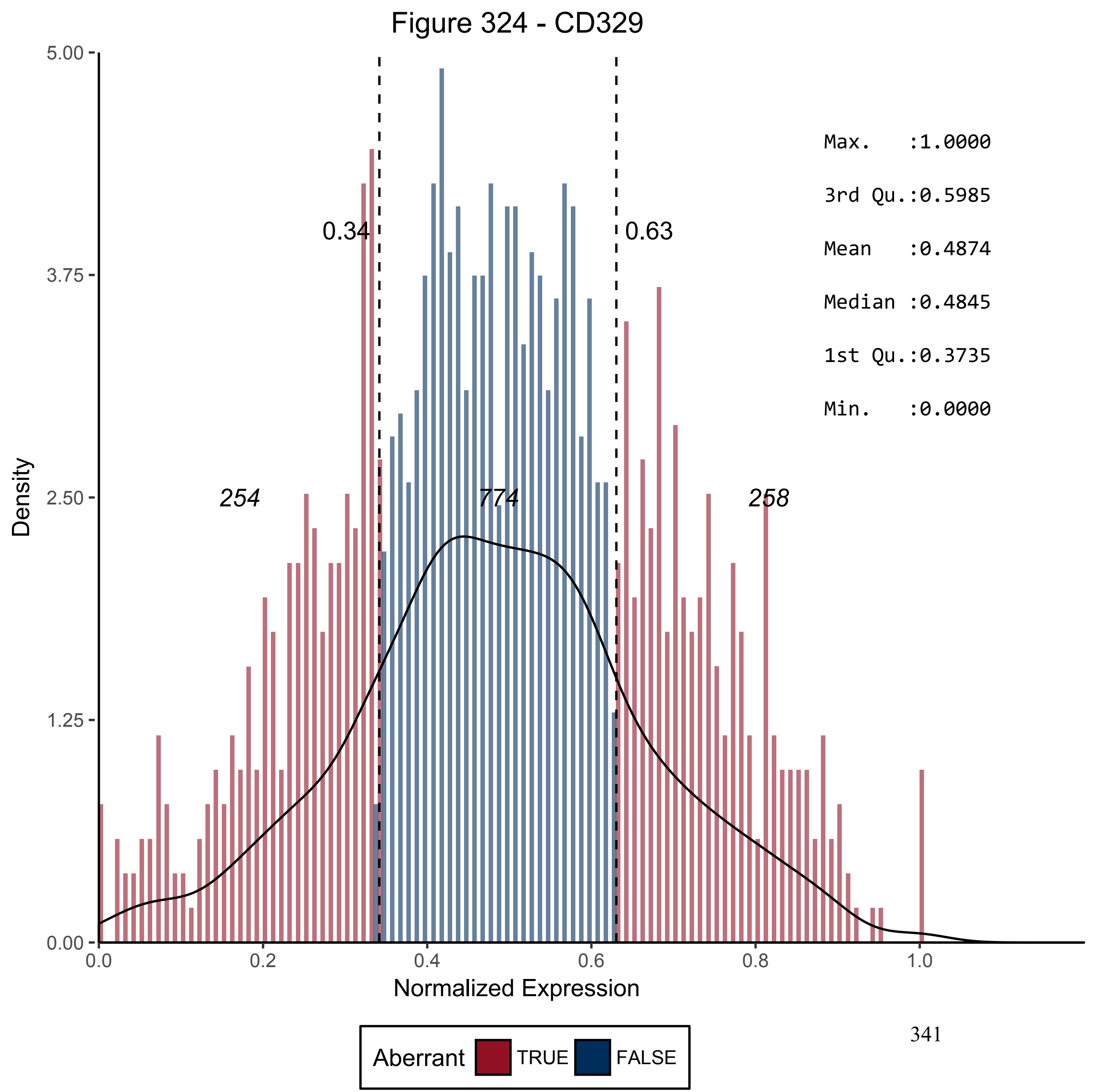


Figure 324 - CD329
Density
Normalized Expression
0.34
0.63
254
774
258
Max. :1.0000
3rd Qu.:0.5985
Mean :0.4874
Median :0.4845
1st Qu.:0.3735
Min. :0.0000
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

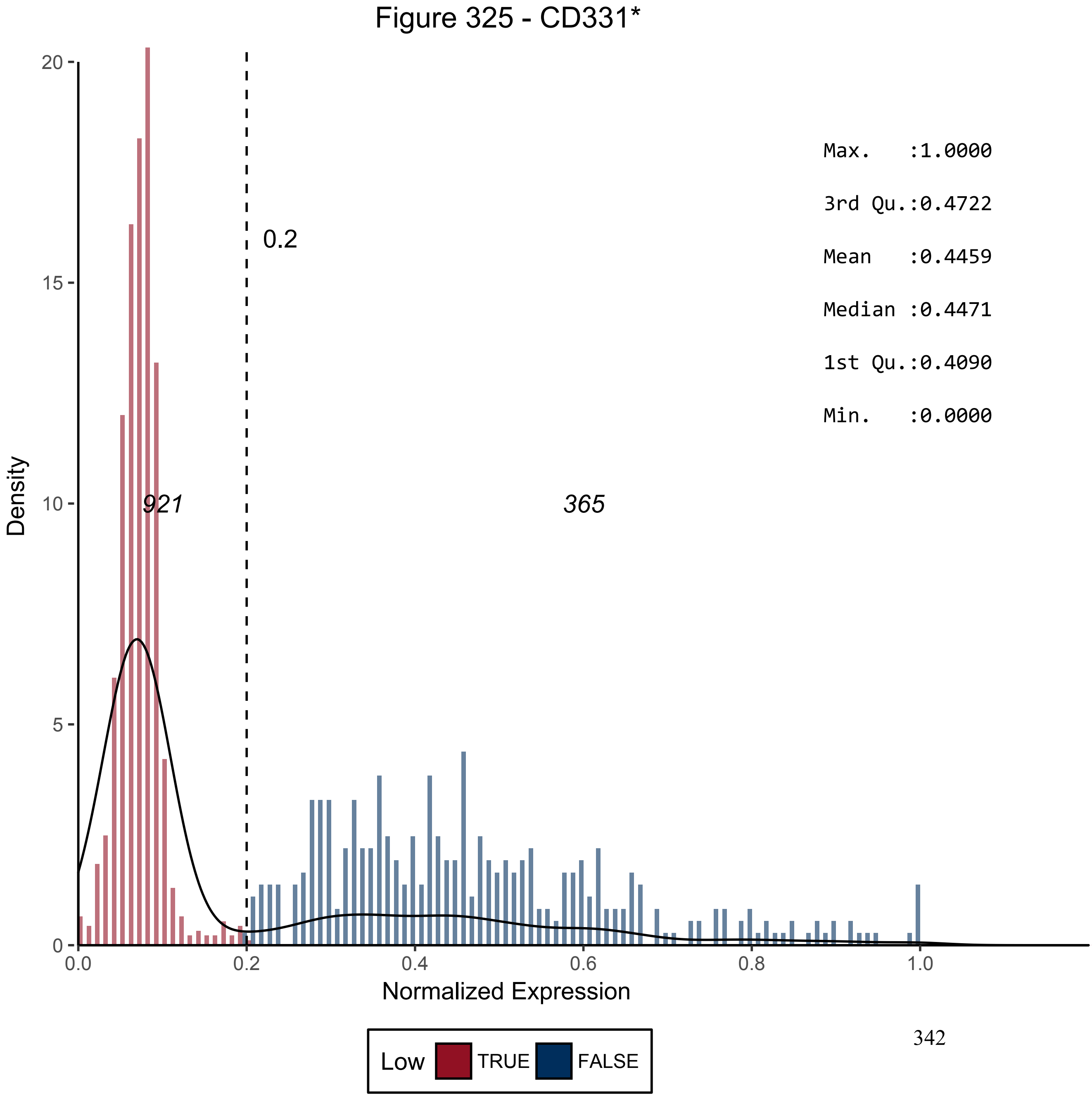


Figure 325 - CD331*
Max. :1.0000
3rd Qu.:0.4722
Mean :0.4459
Median :0.4471
1st Qu.:0.4090
Min. :0.0000
0.2
921
365
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
5
10
15
20
Low
TRUE
FALSE

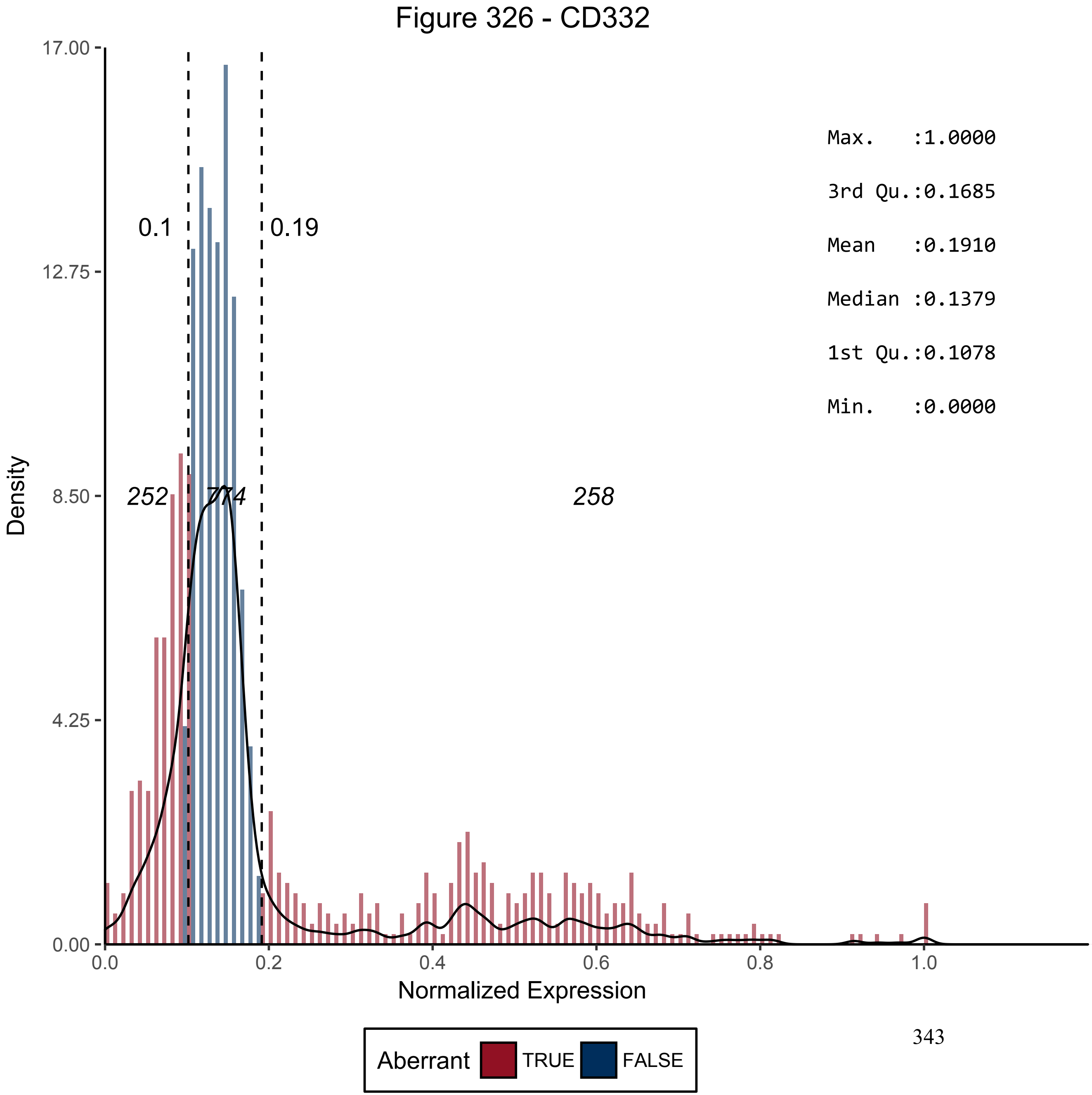


Figure 326 - CD332
17.00
12.75
8.50
4.25
0.00
Density
0.1
0.19
252
774
258
Max. :1.0000
3rd Qu.:0.1685
Mean :0.1910
Median :0.1379
1st Qu.:0.1078
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

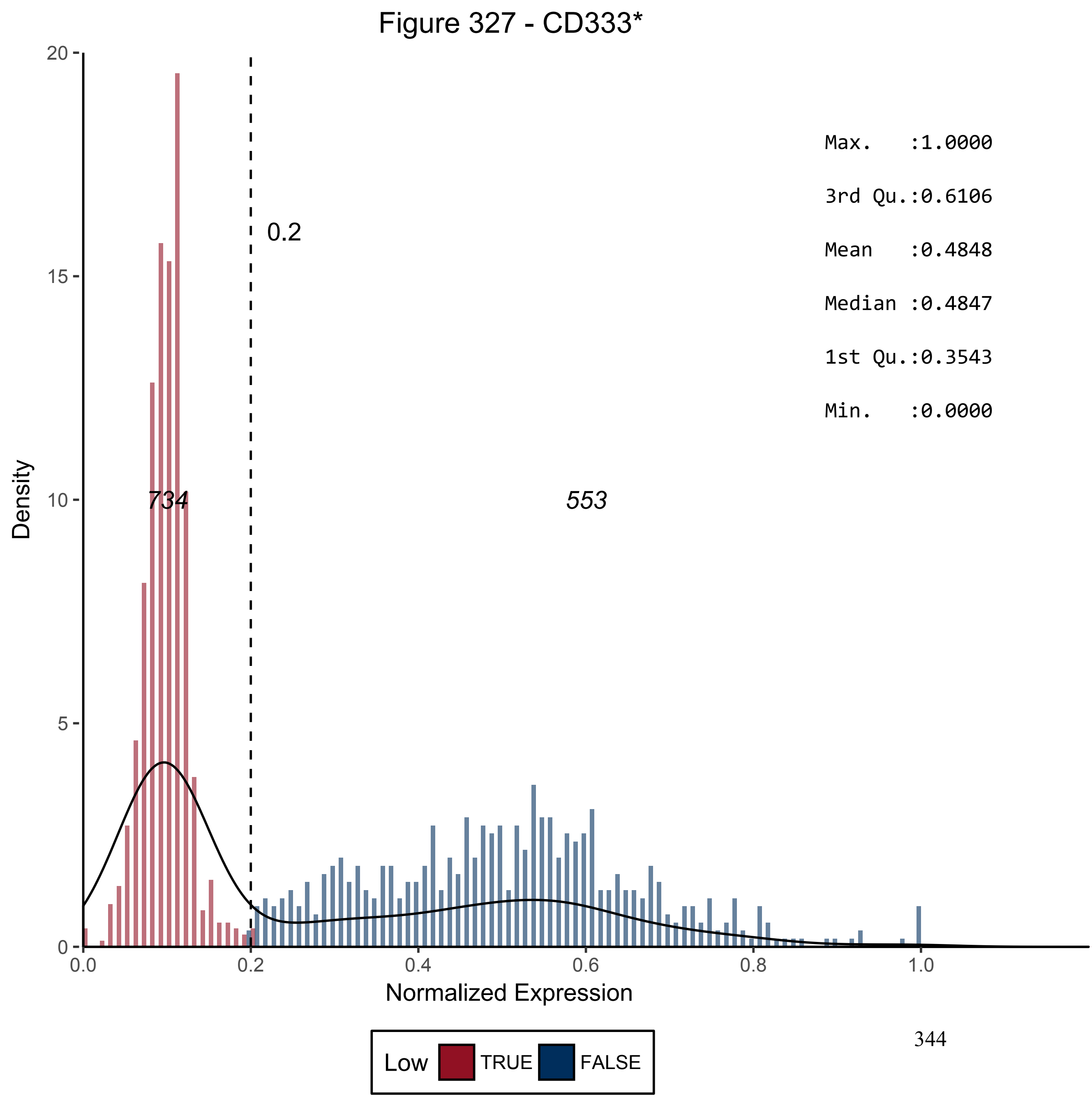


Figure 327 - CD333*
Max.   :1.0000
3rd Qu.:0.6106
Mean   :0.4848
Median :0.4847
1st Qu.:0.3543
Min.   :0.0000
0.2
734
553
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
5
10
15
20
Low
TRUE
FALSE

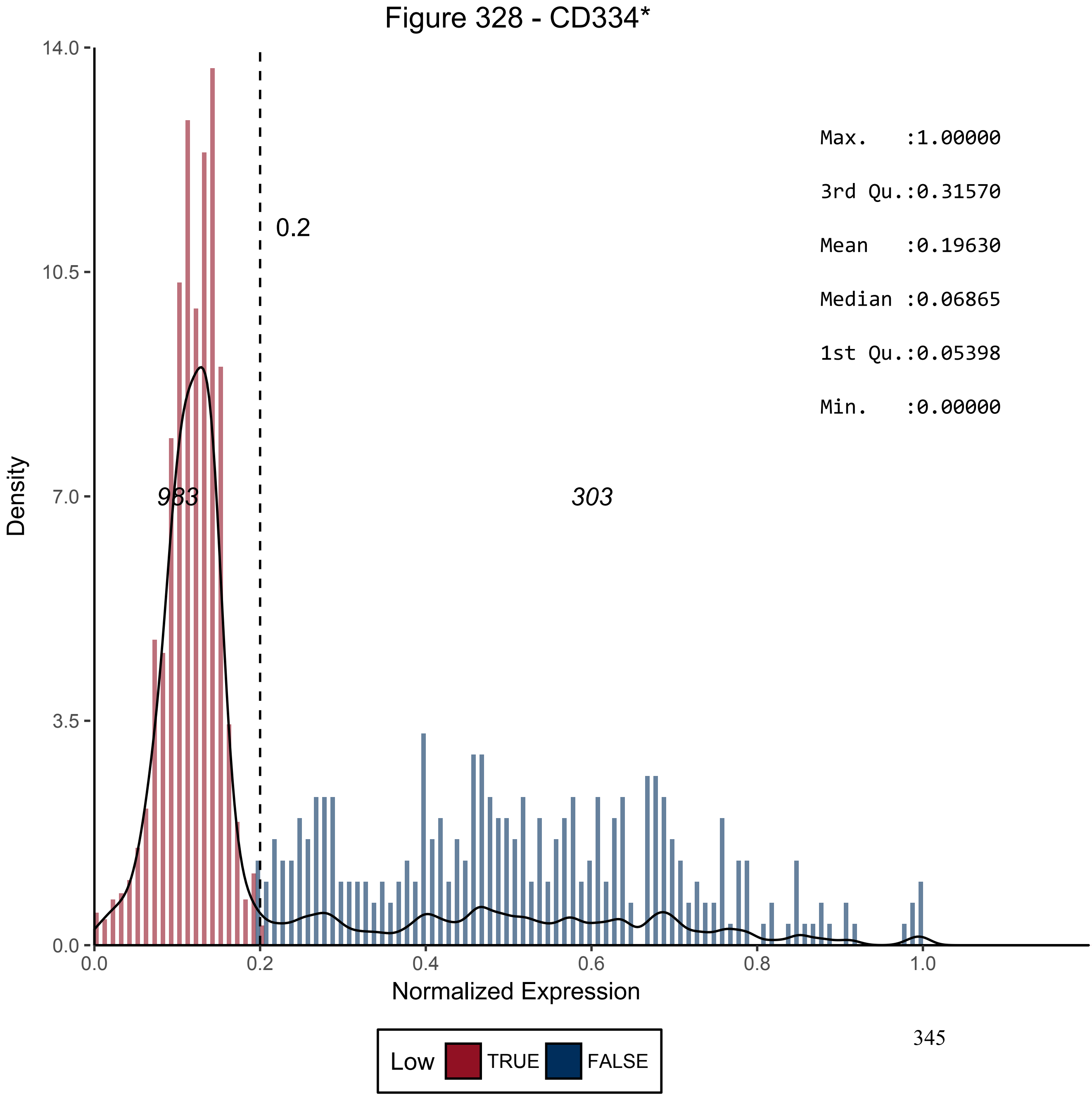


Figure 328 - CD334*
14.0
10.5
7.0
3.5
0.0
Density
0.2
983
303
Max. :1.00000
3rd Qu.:0.31570
Mean :0.19630
Median :0.06865
1st Qu.:0.05398
Min. :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

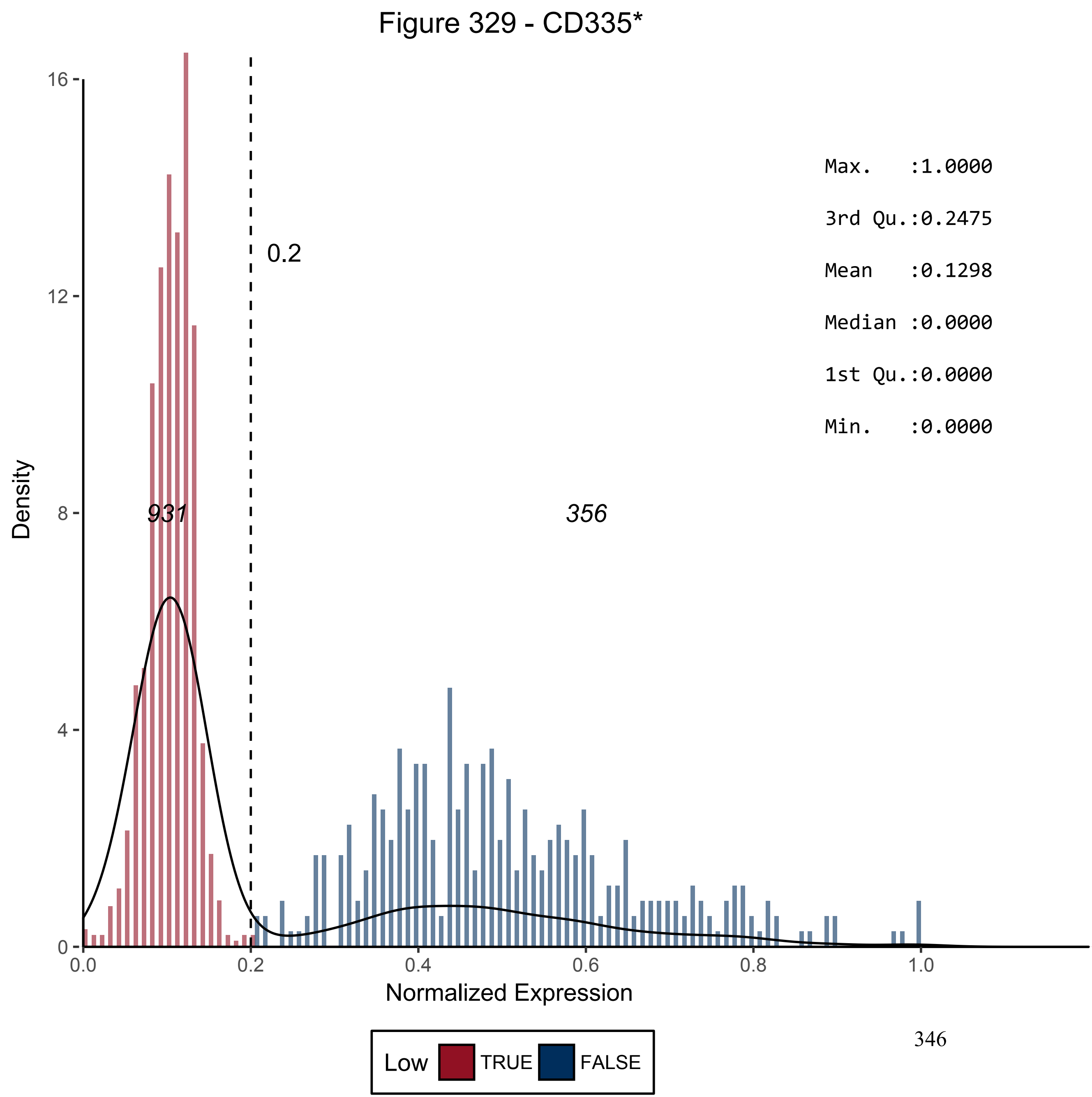


Figure 329 - CD335*
Max. :1.0000
3rd Qu.:0.2475
Mean :0.1298
Median :0.0000
1st Qu.:0.0000
Min. :0.0000
0.2
931
356
Density
Normalized Expression
0 4 8 12 16
0.0 0.2 0.4 0.6 0.8 1.0
Low TRUE FALSE

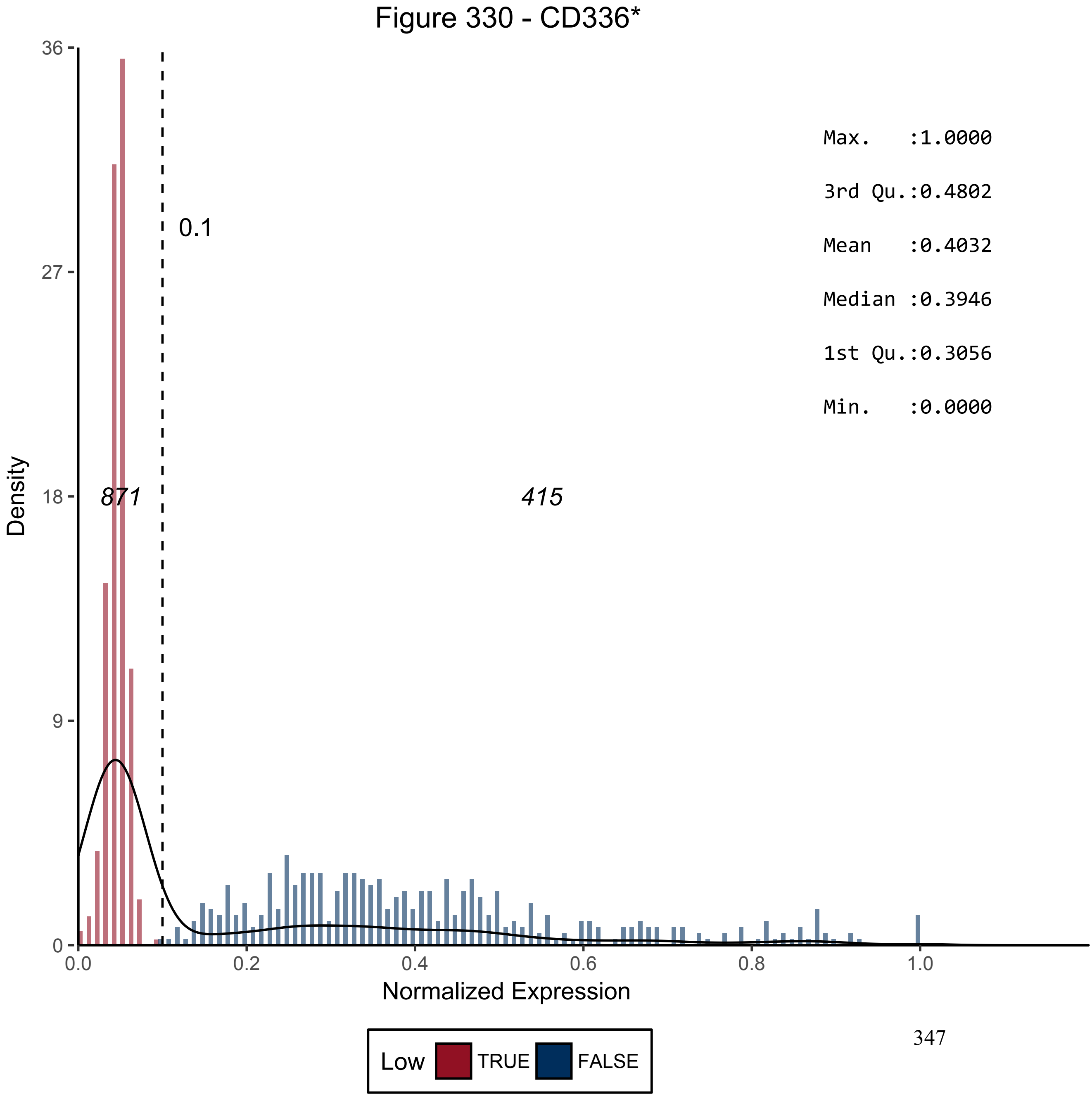


Figure 330 - CD336*
Max. :1.0000
3rd Qu.:0.4802
Mean :0.4032
Median :0.3946
1st Qu.:0.3056
Min. :0.0000
0.1
871
415
Density
Normalized Expression
36
27
18
9
0
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

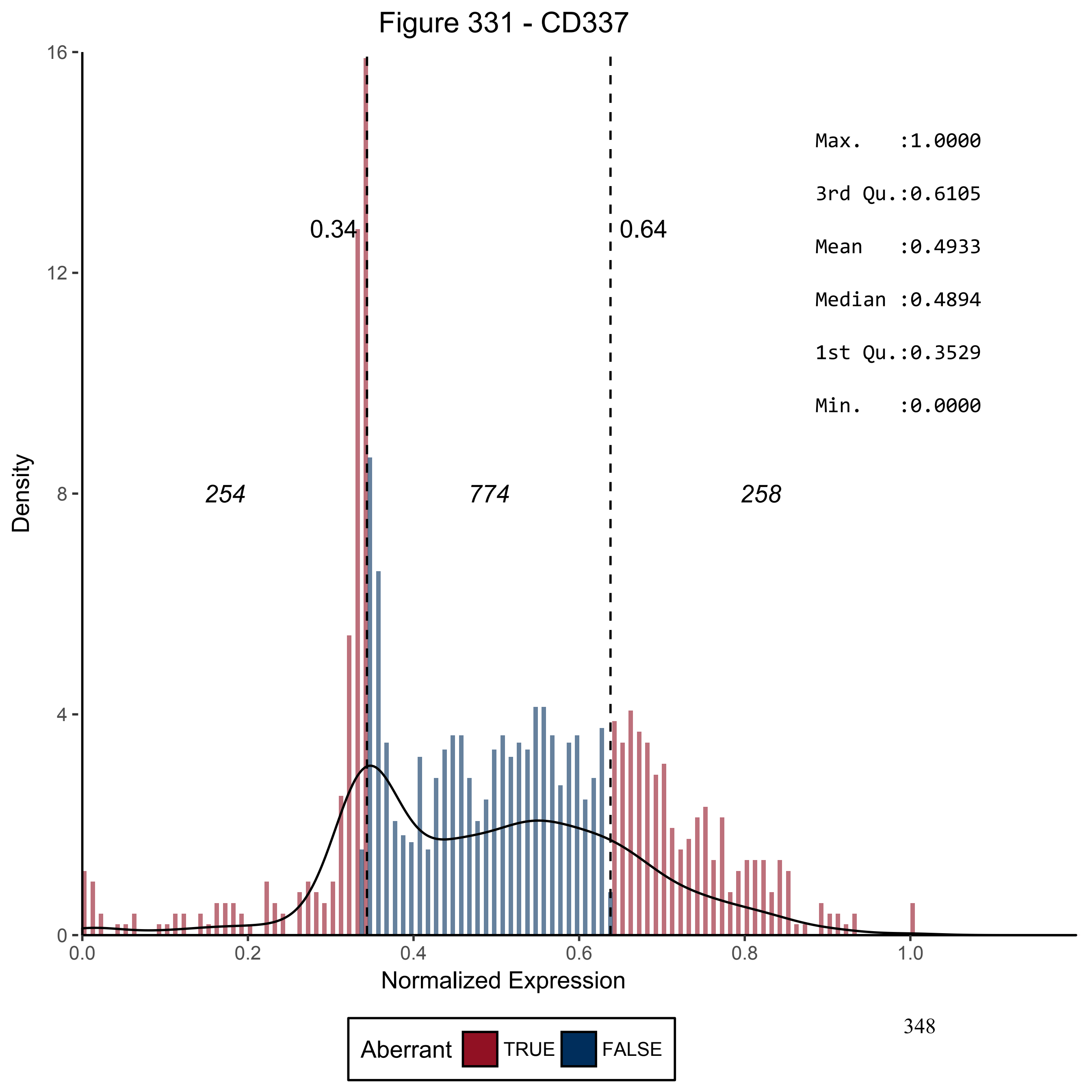


Figure 331 - CD337
Max. :1.0000
3rd Qu.:0.6105
Mean :0.4933
Median :0.4894
1st Qu.:0.3529
Min. :0.0000
0.34
0.64
254
774
258
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
4
8
12
16
Aberrant
TRUE
FALSE

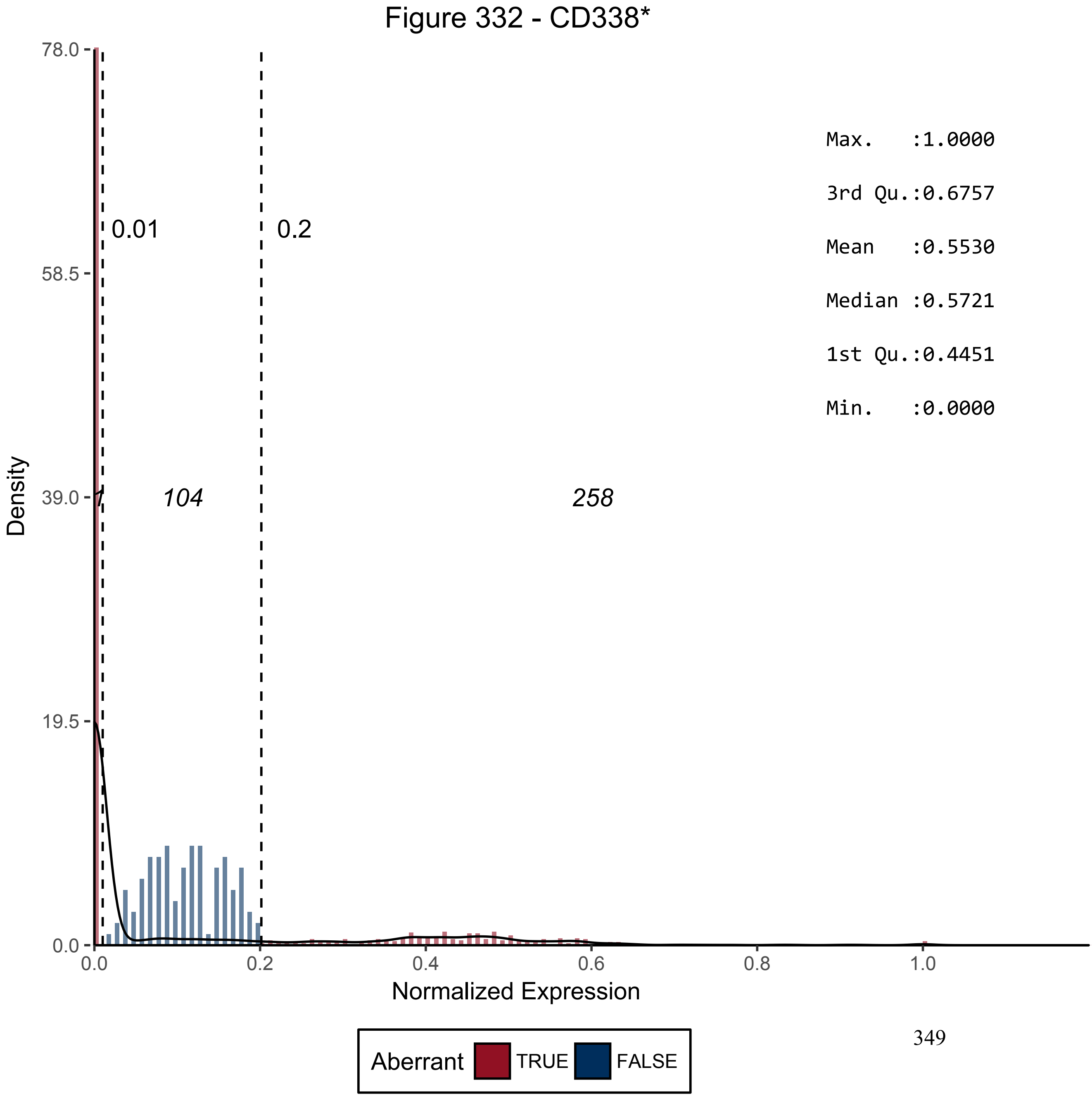


Figure 332 - CD338*
Max.   :1.0000
3rd Qu.:0.6757
Mean   :0.5530
Median :0.5721
1st Qu.:0.4451
Min.   :0.0000
0.01
0.2
1
104
258
78.0
58.5
39.0
19.5
0.0
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

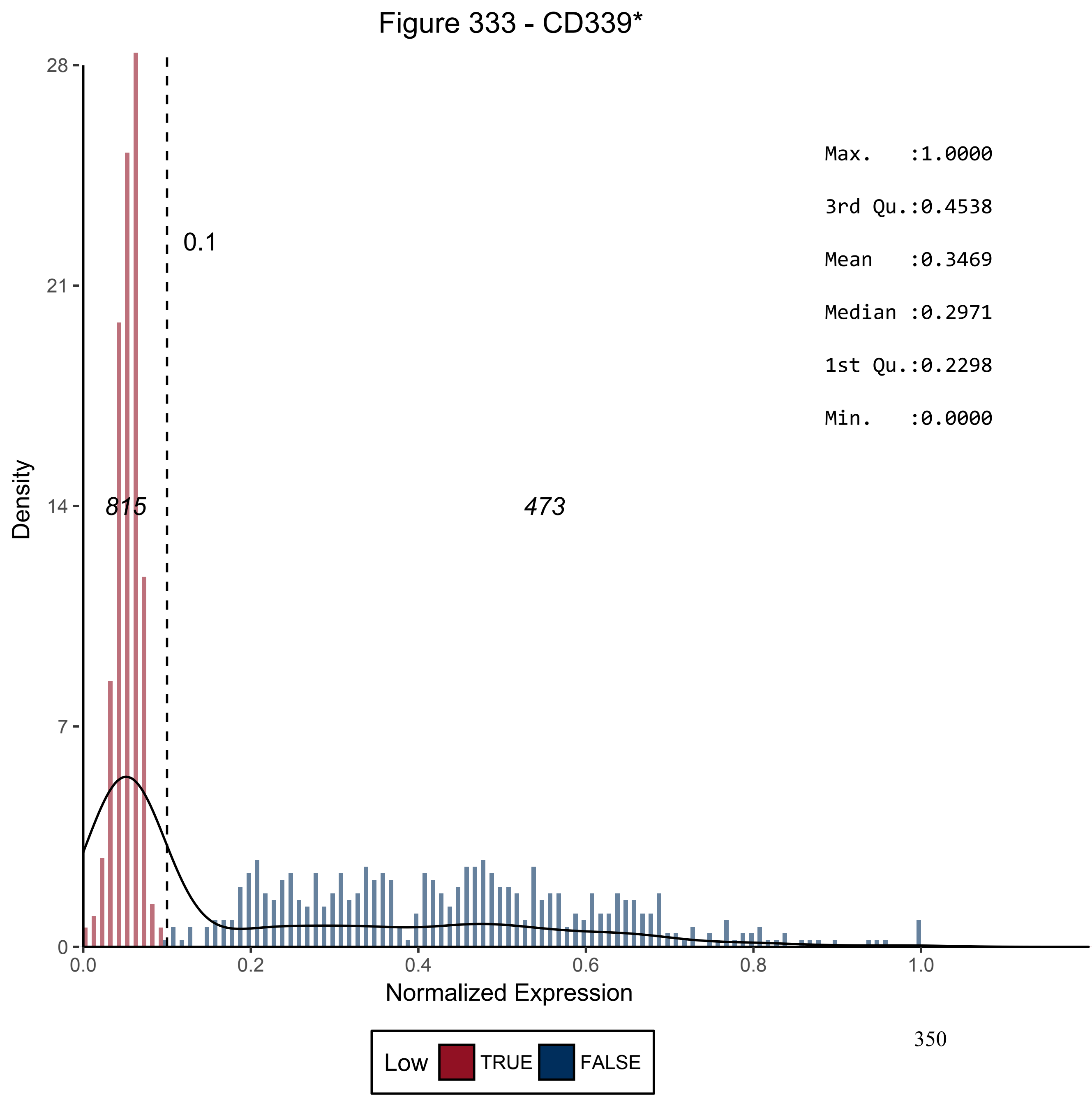


Figure 333 - CD339*
Max.   :1.0000
3rd Qu.:0.4538
Mean   :0.3469
Median :0.2971
1st Qu.:0.2298
Min.   :0.0000
0.1
815
473
Density
Normalized Expression
0
7
14
21
28
0.0
0.2
0.4
0.6
0.8
1.0
Low
TRUE
FALSE

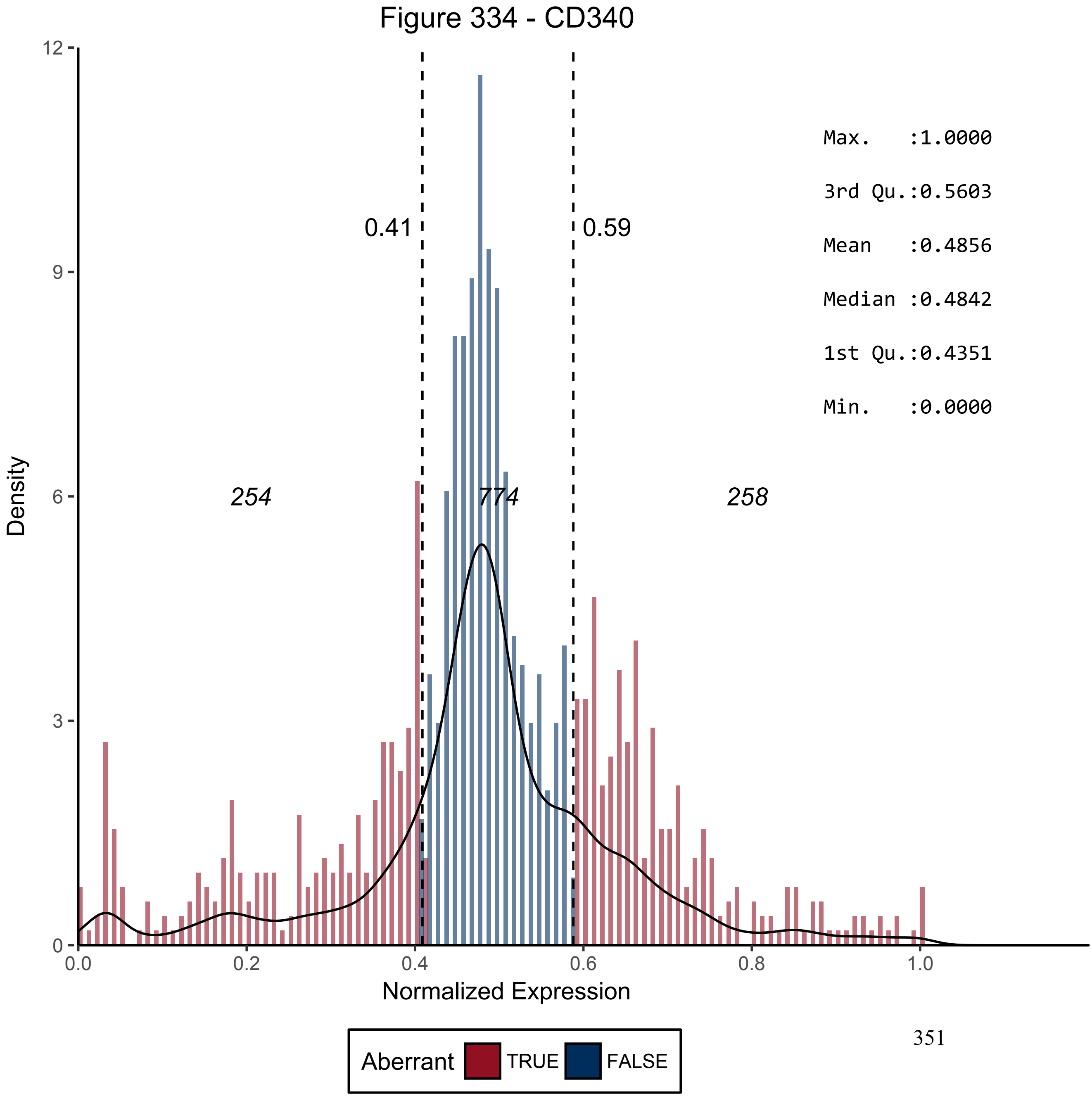


Figure 334 - CD340
Max.   :1.0000
3rd Qu.:0.5603
Mean   :0.4856
Median :0.4842
1st Qu.:0.4351
Min.   :0.0000
0.41
0.59
254
774
258
Density
Normalized Expression
0
3
6
9
12
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

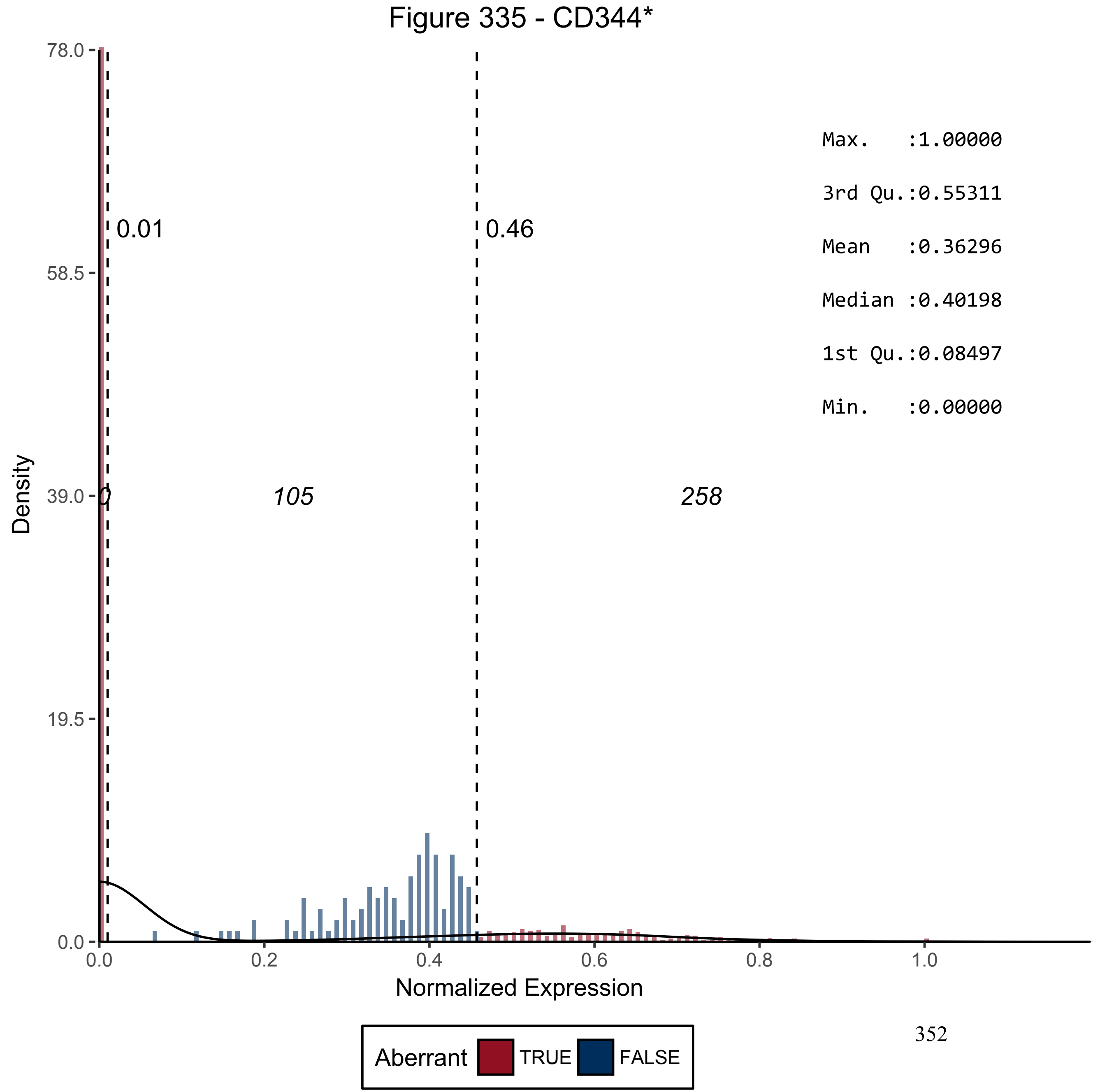


Figure 335 - CD344*
Max. :1.00000
3rd Qu.:0.55311
Mean :0.36296
Median :0.40198
1st Qu.:0.08497
Min. :0.00000
0.01
0.46
0
105
258
78.0
58.5
39.0
19.5
0.0
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

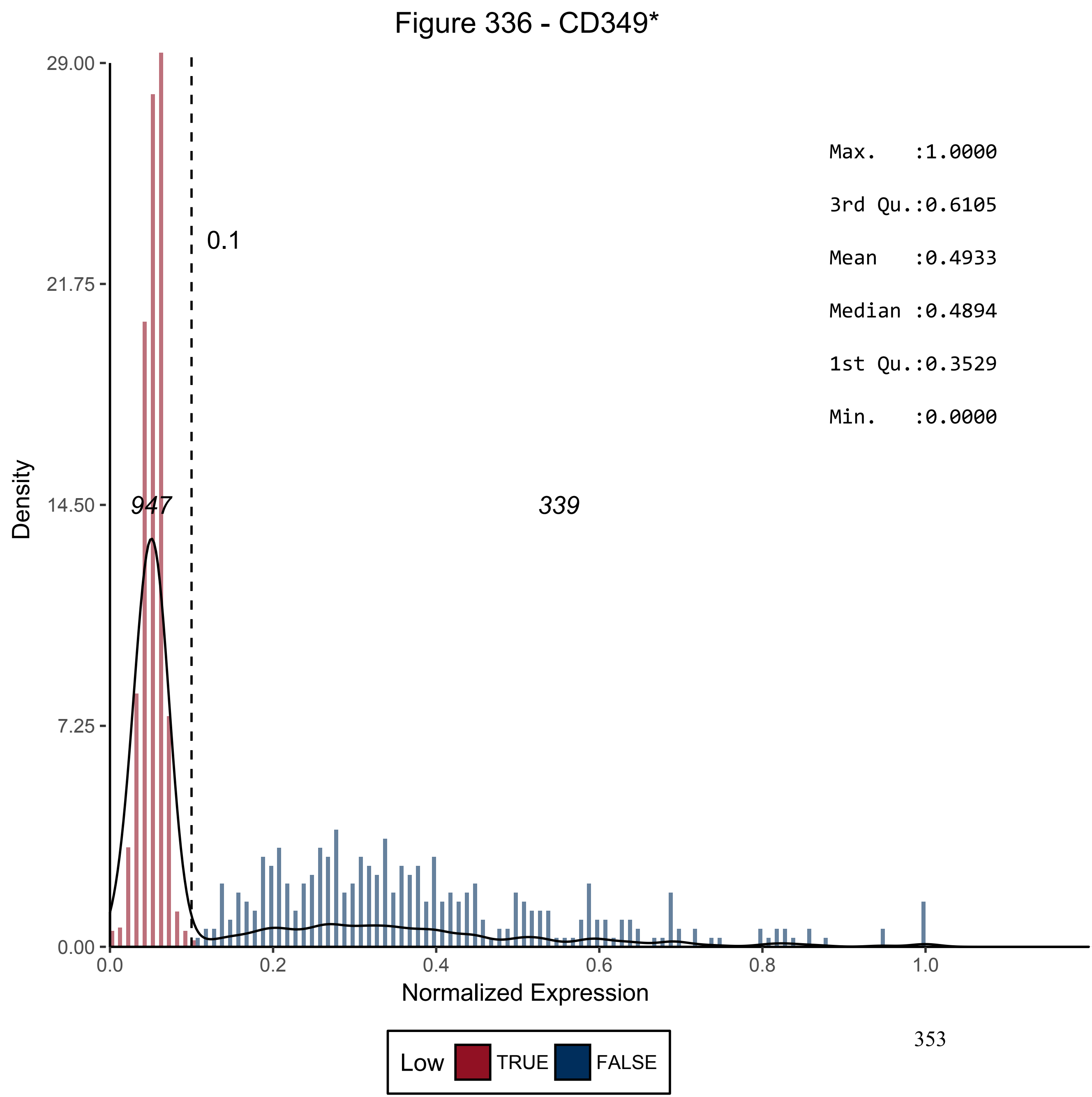


Figure 336 - CD349*
29.00
21.75
14.50
7.25
0.00
Density
0.1
947
339
Max.   :1.0000
3rd Qu.:0.6105
Mean   :0.4933
Median :0.4894
1st Qu.:0.3529
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

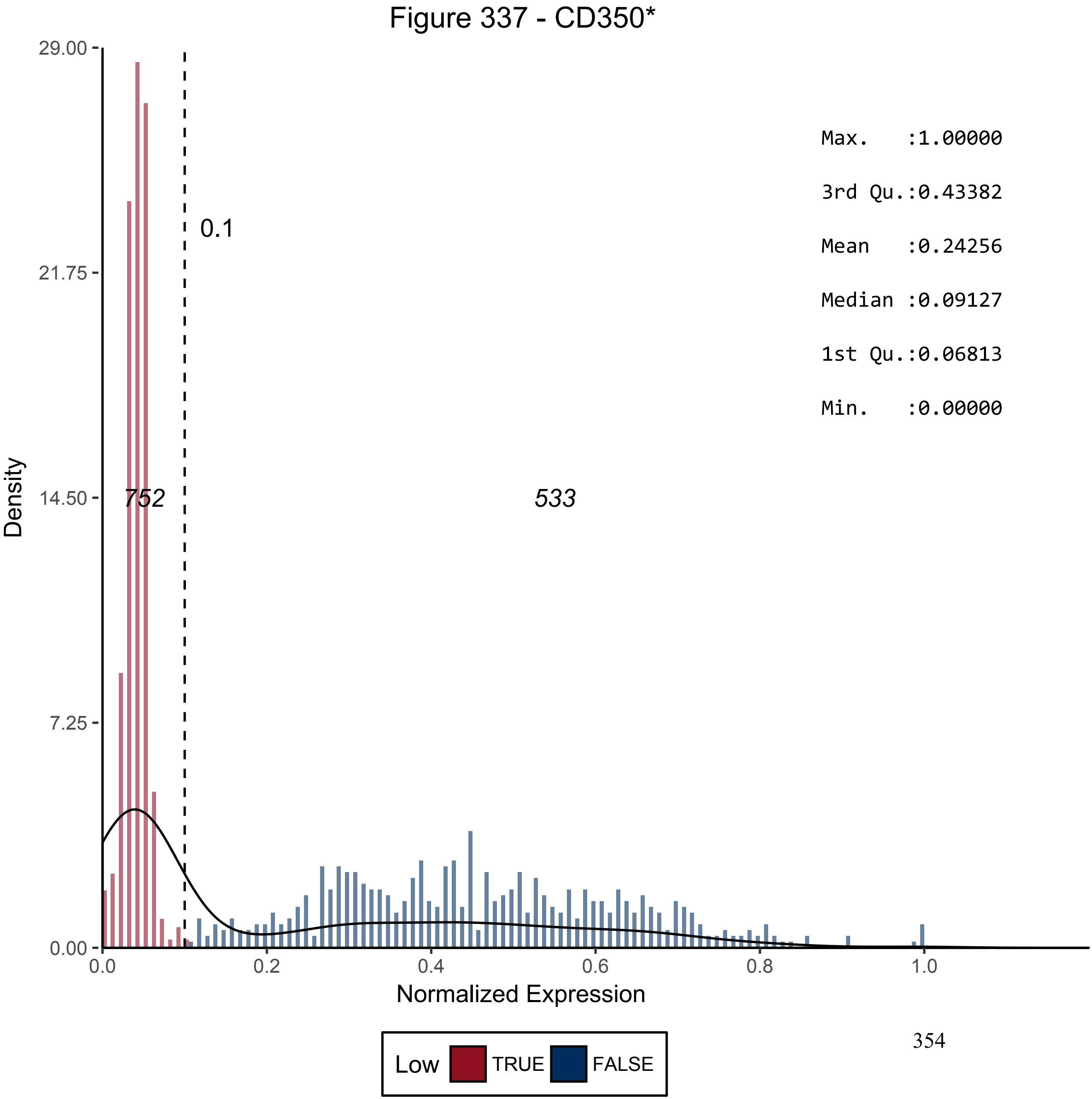


Figure 337 - CD350*
29.00
21.75
14.50
7.25
0.00
Density
0.1
752
533
Max.   :1.00000
3rd Qu.:0.43382
Mean   :0.24256
Median :0.09127
1st Qu.:0.06813
Min.   :0.00000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

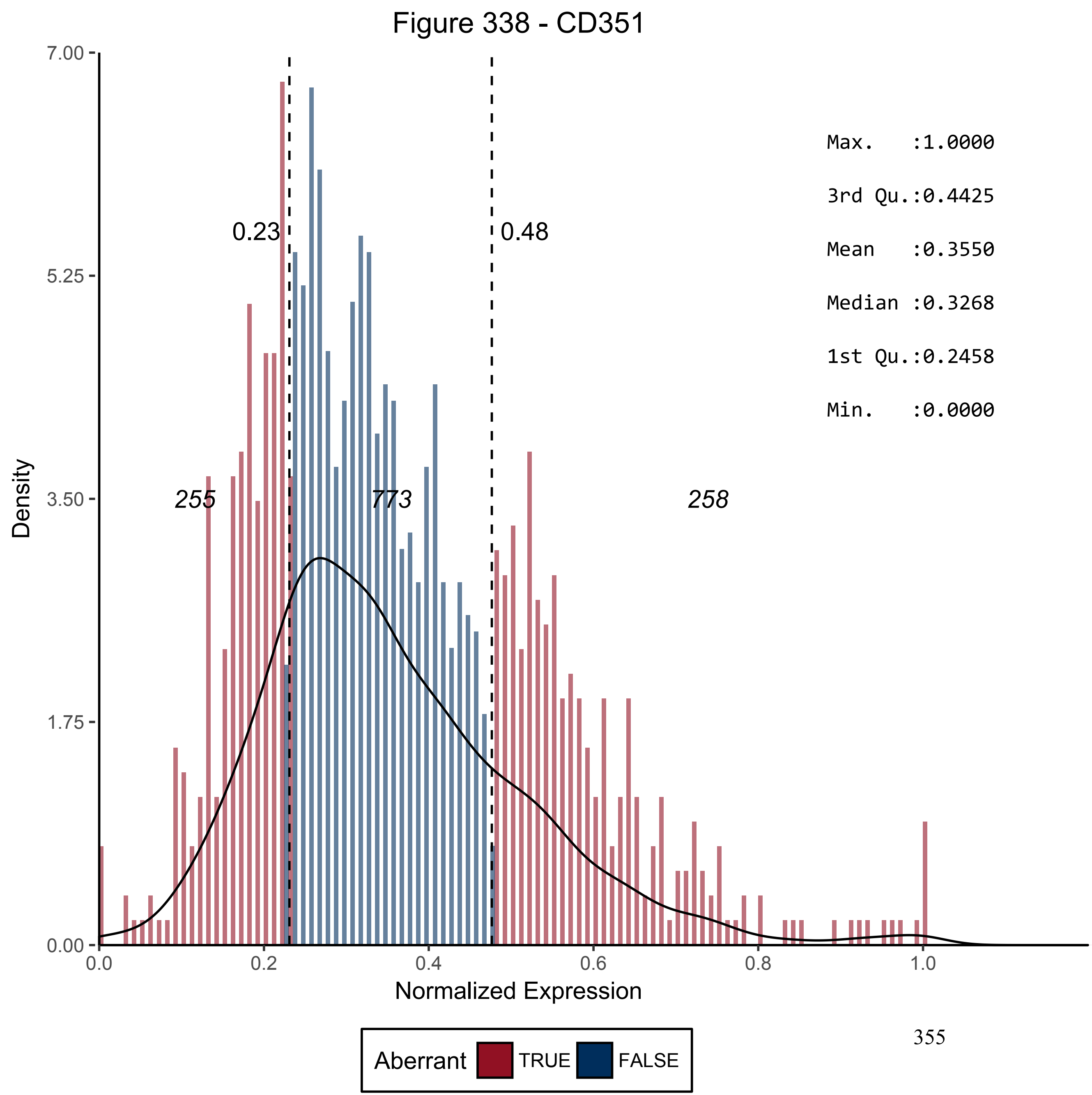
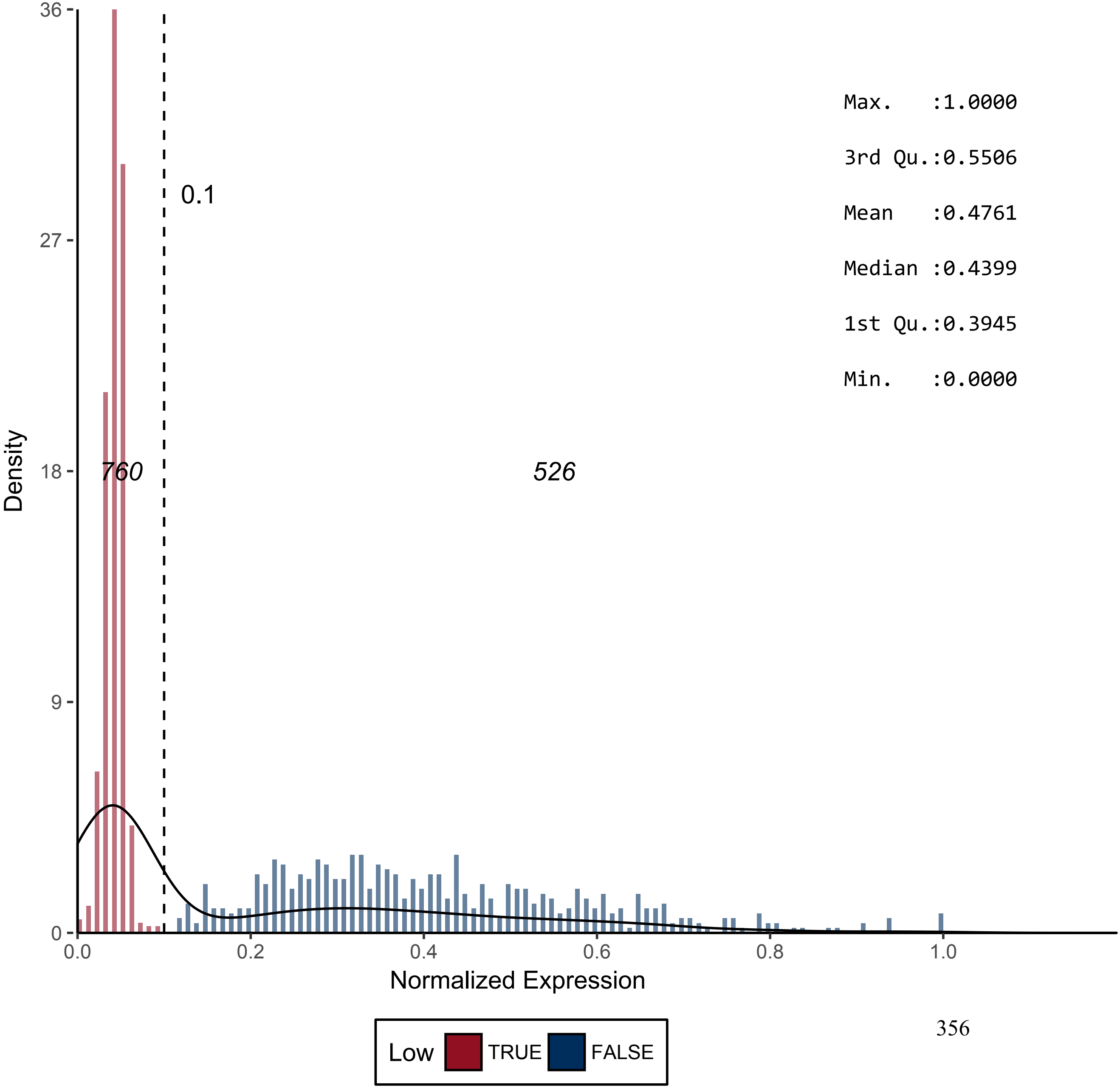


Figure 338 - CD351
7.00
5.25
3.50
1.75
0.00
Density
0.23
0.48
255
773
258
Max. :1.0000
3rd Qu.:0.4425
Mean :0.3550
Median :0.3268
1st Qu.:0.2458
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

Figure 339 - CD353*



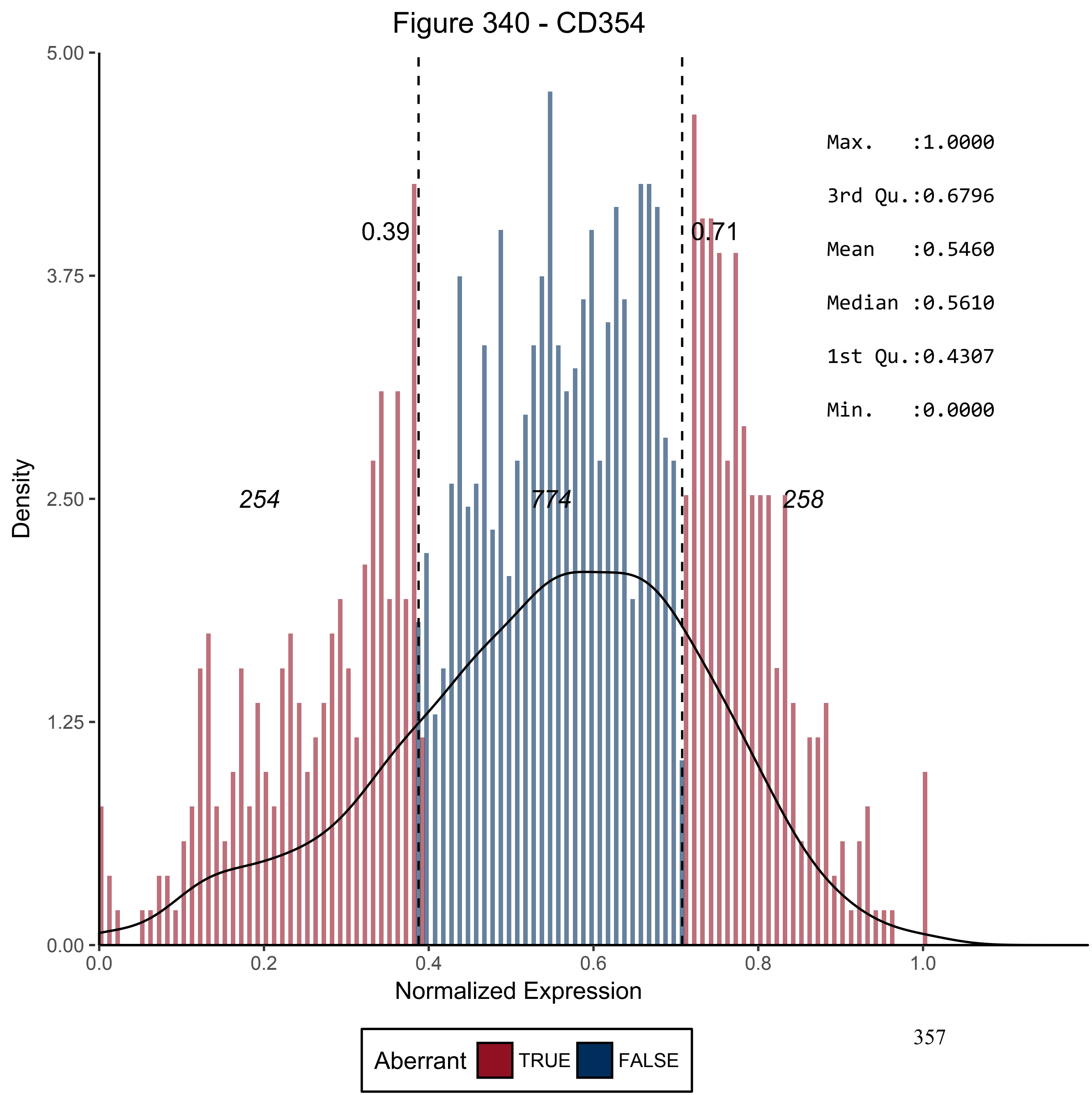


Figure 340 - CD354
5.00
3.75
2.50
1.25
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.39
0.71
254
774
258
Max.   :1.0000
3rd Qu.:0.6796
Mean   :0.5460
Median :0.5610
1st Qu.:0.4307
Min.   :0.0000
Aberrant
TRUE
FALSE

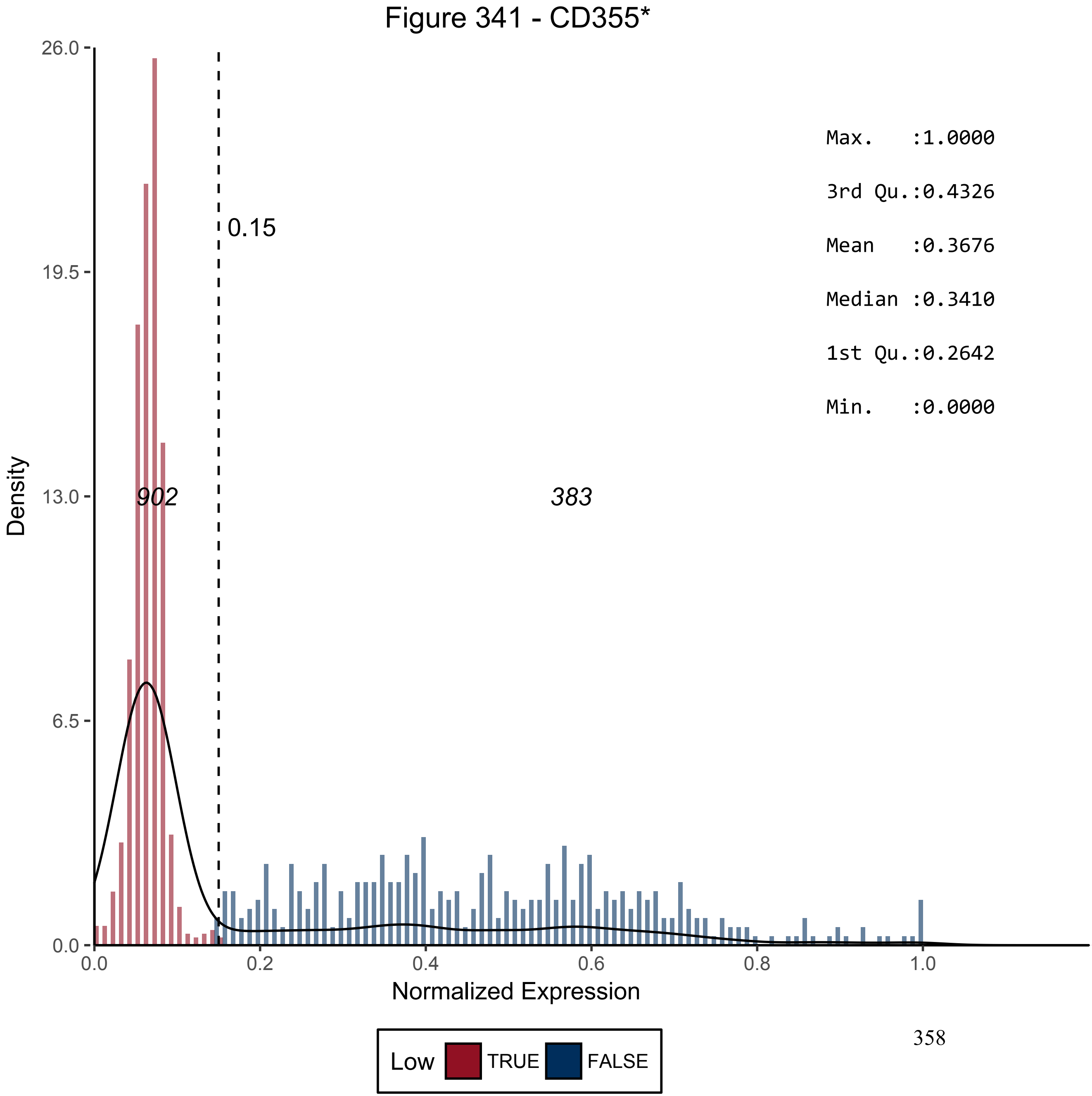


Figure 341 - CD355*
26.0
19.5
13.0
6.5
0.0
Density
0.15
902
383
Max. :1.0000
3rd Qu.:0.4326
Mean :0.3676
Median :0.3410
1st Qu.:0.2642
Min. :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Low
TRUE
FALSE

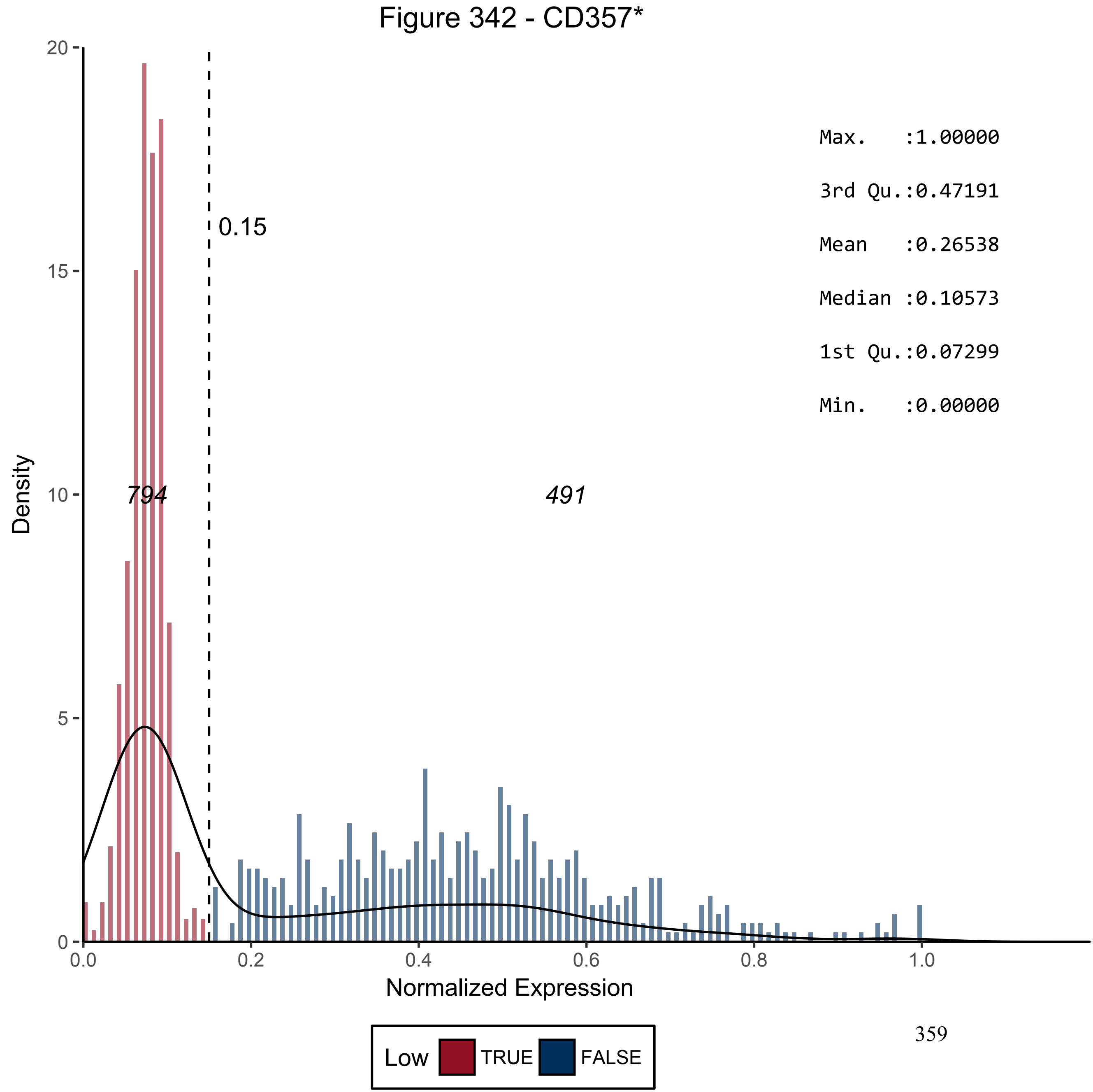


Figure 342 - CD357*
Max. :1.00000
3rd Qu.:0.47191
Mean :0.26538
Median :0.10573
1st Qu.:0.07299
Min. :0.00000
0.15
794
491
Density
Normalized Expression
0.0
0.2
0.4
0.6
0.8
1.0
0
5
10
15
20
Low
TRUE
FALSE

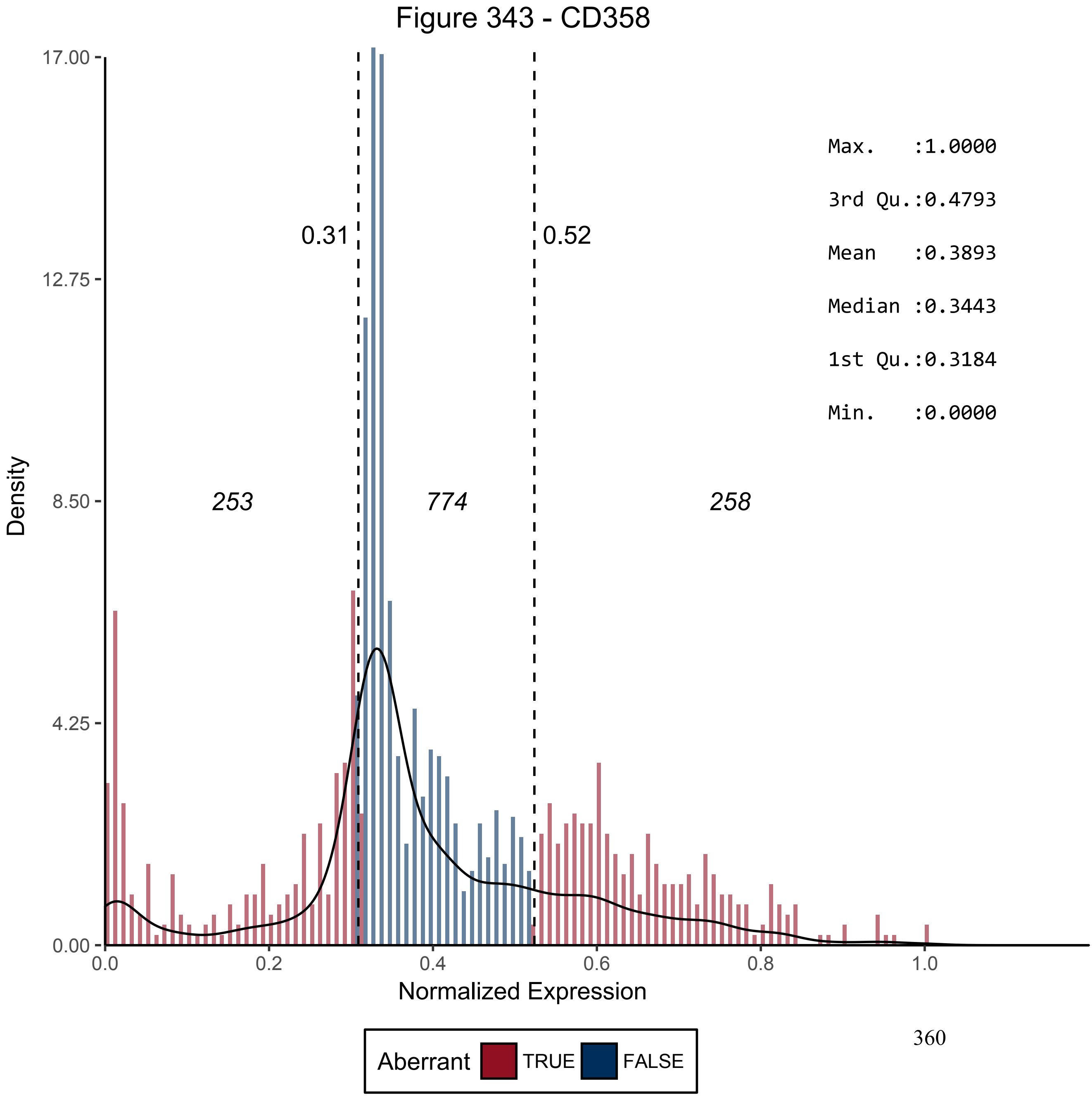


Figure 343 - CD358
Density
17.00
12.75
8.50
4.25
0.00
0.31
0.52
253
774
258
Max.   :1.0000
3rd Qu.:0.4793
Mean   :0.3893
Median :0.3443
1st Qu.:0.3184
Min.   :0.0000
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
Aberrant
TRUE
FALSE

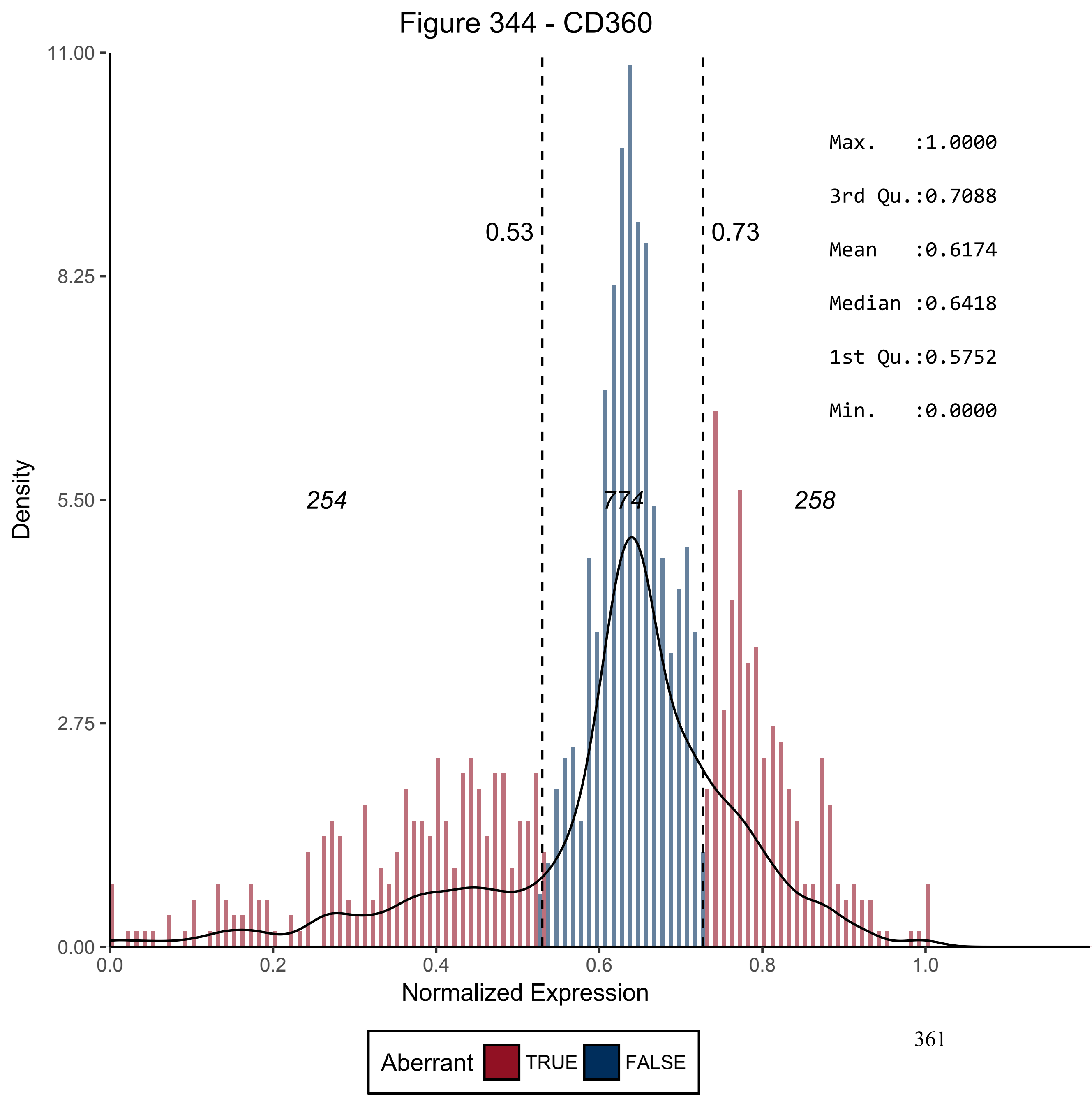


Figure 344 - CD360
11.00
8.25
5.50
2.75
0.00
Density
0.0
0.2
0.4
0.6
0.8
1.0
Normalized Expression
0.53
0.73
254
774
258
Max.   :1.0000
3rd Qu.:0.7088
Mean   :0.6174
Median :0.6418
1st Qu.:0.5752
Min.   :0.0000
Aberrant
TRUE
FALSE

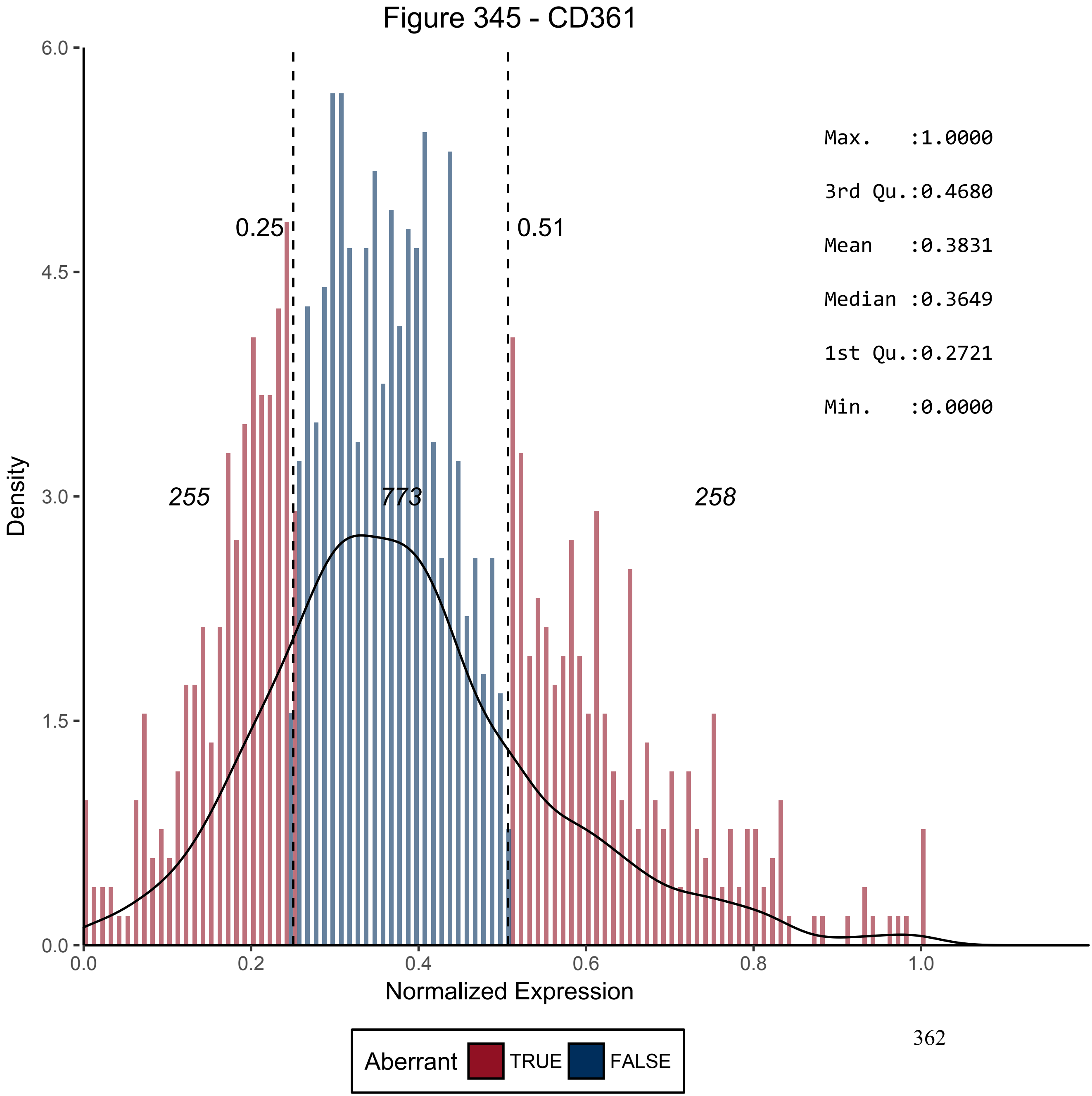
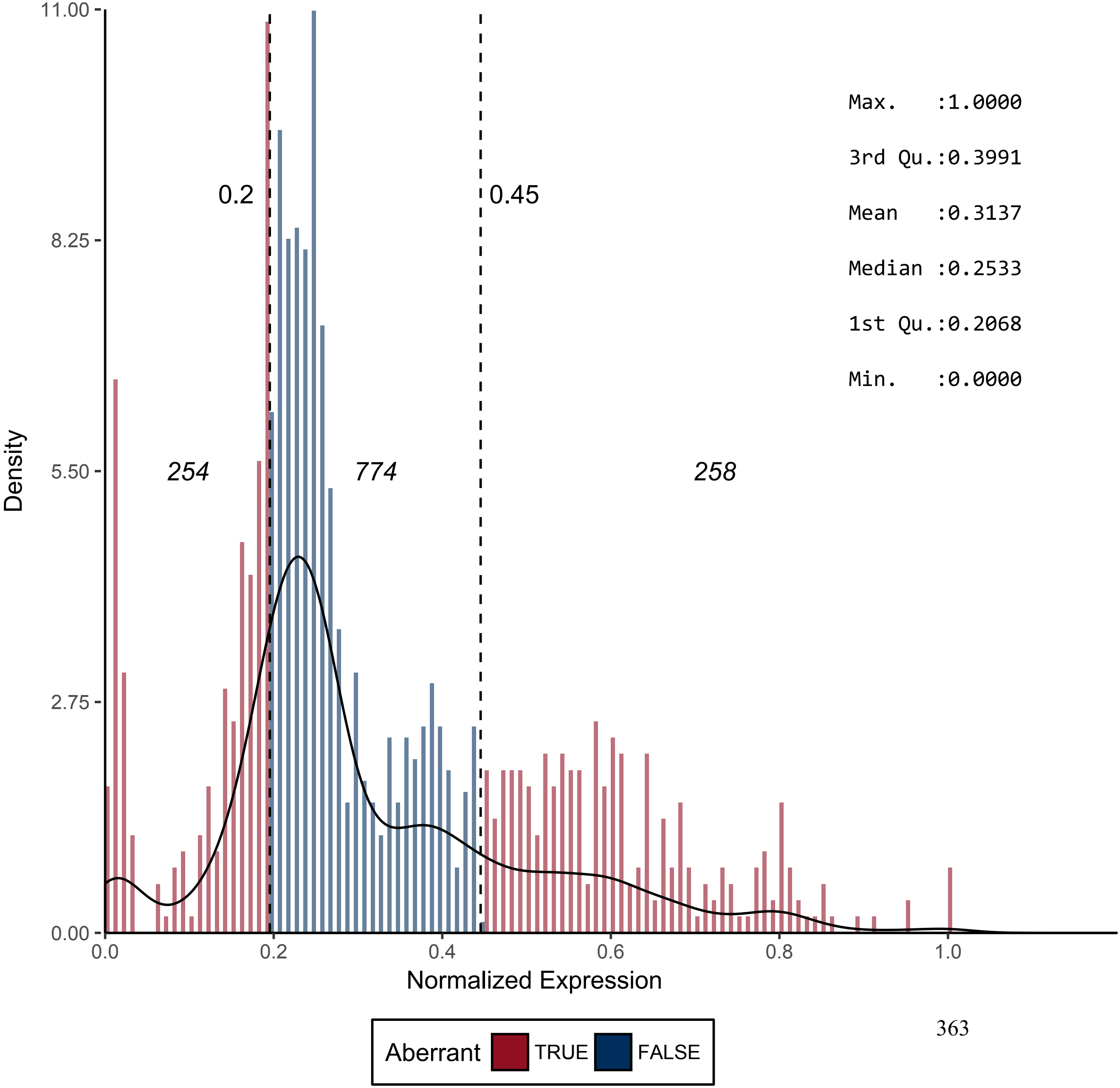


Figure 345 - CD361
Max. :1.0000
3rd Qu.:0.4680
Mean :0.3831
Median :0.3649
1st Qu.:0.2721
Min. :0.0000
0.25
0.51
255
773
258
Density
Normalized Expression
6.0
4.5
3.0
1.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 346 - CD362



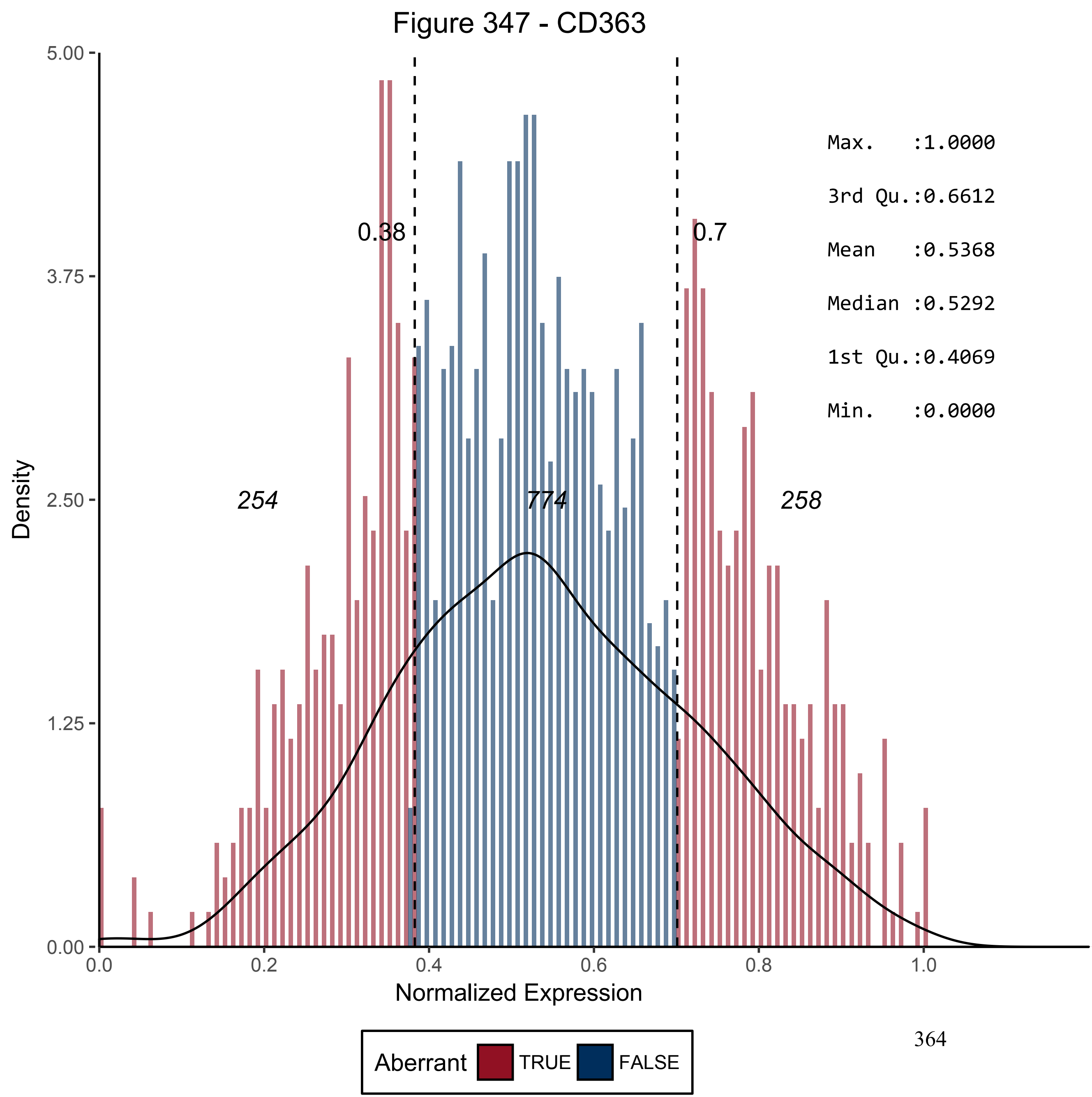


Figure 347 - CD363
Density
Normalized Expression
0.38
0.7
254
774
258
Max. :1.0000
3rd Qu.:0.6612
Mean :0.5368
Median :0.5292
1st Qu.:0.4069
Min. :0.0000
5.00
3.75
2.50
1.25
0.00
0.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

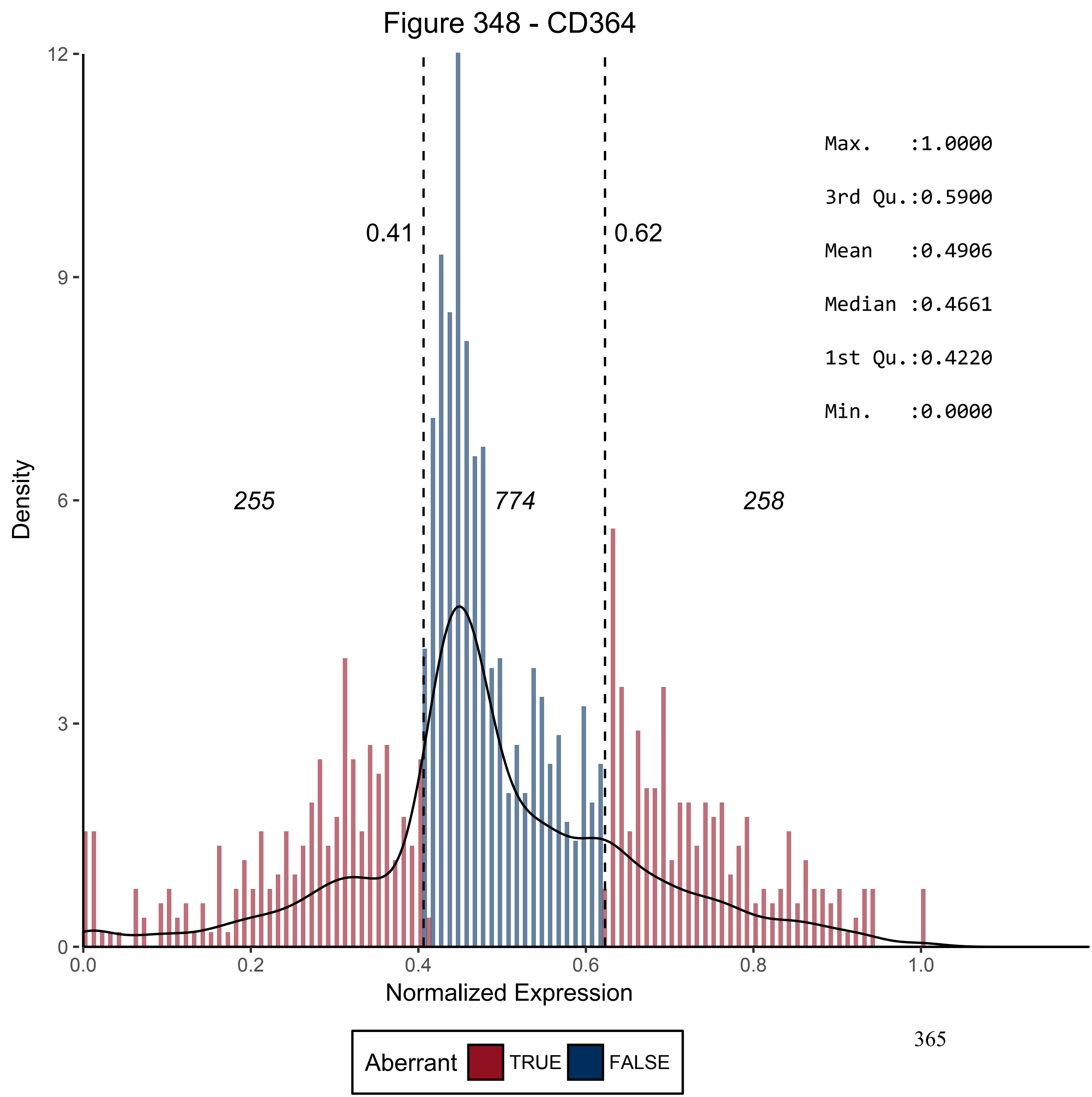
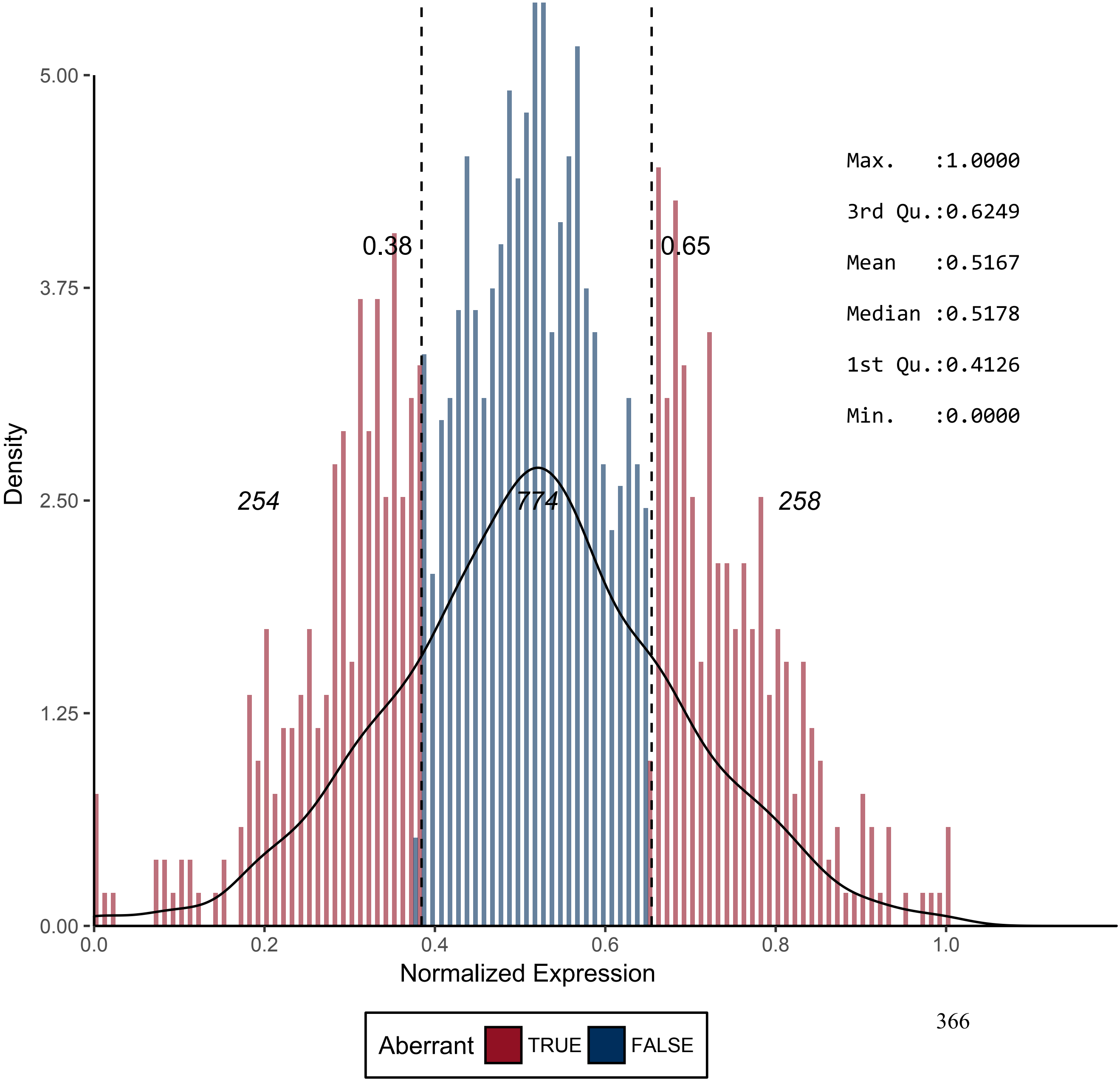


Figure 348 - CD364
Max. :1.0000
3rd Qu.:0.5900
Mean :0.4906
Median :0.4661
1st Qu.:0.4220
Min. :0.0000
0.41
0.62
255
774
258
Density
Normalized Expression
Aberrant
TRUE
FALSE

Figure 349 - CD366



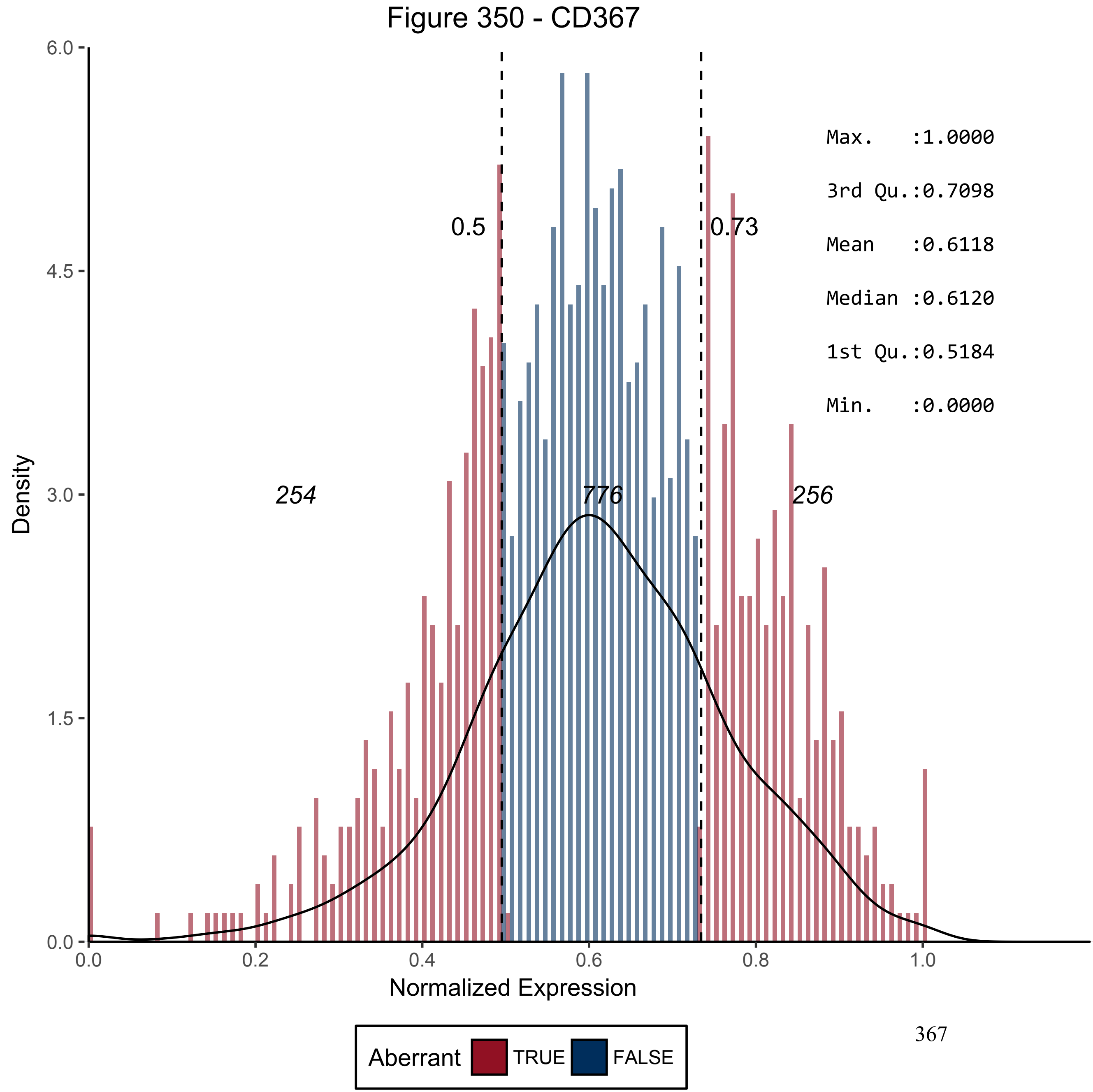


Figure 350 - CD367
Max. :1.0000
3rd Qu.:0.7098
Mean :0.6118
Median :0.6120
1st Qu.:0.5184
Min. :0.0000
0.5
0.73
254
776
256
Density
Normalized Expression
0.0
1.5
3.0
4.5
6.0
0.2
0.4
0.6
0.8
1.0
Aberrant
TRUE
FALSE

Figure 351 - CD369