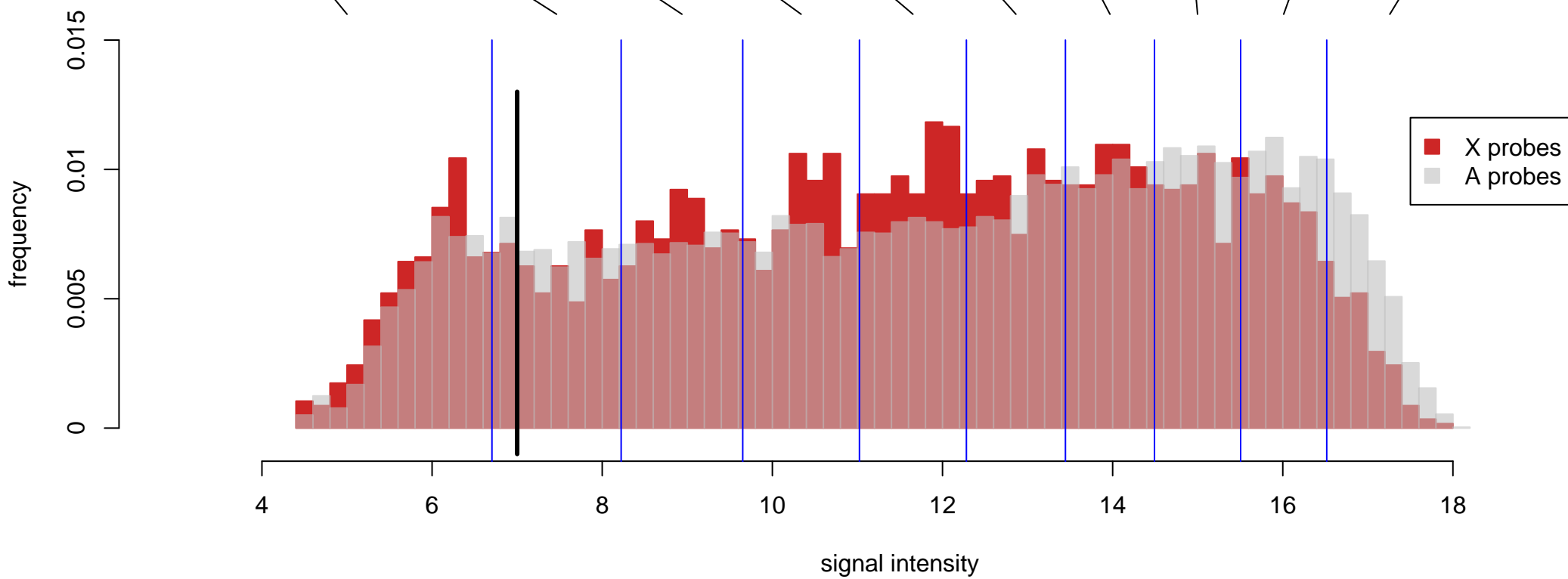


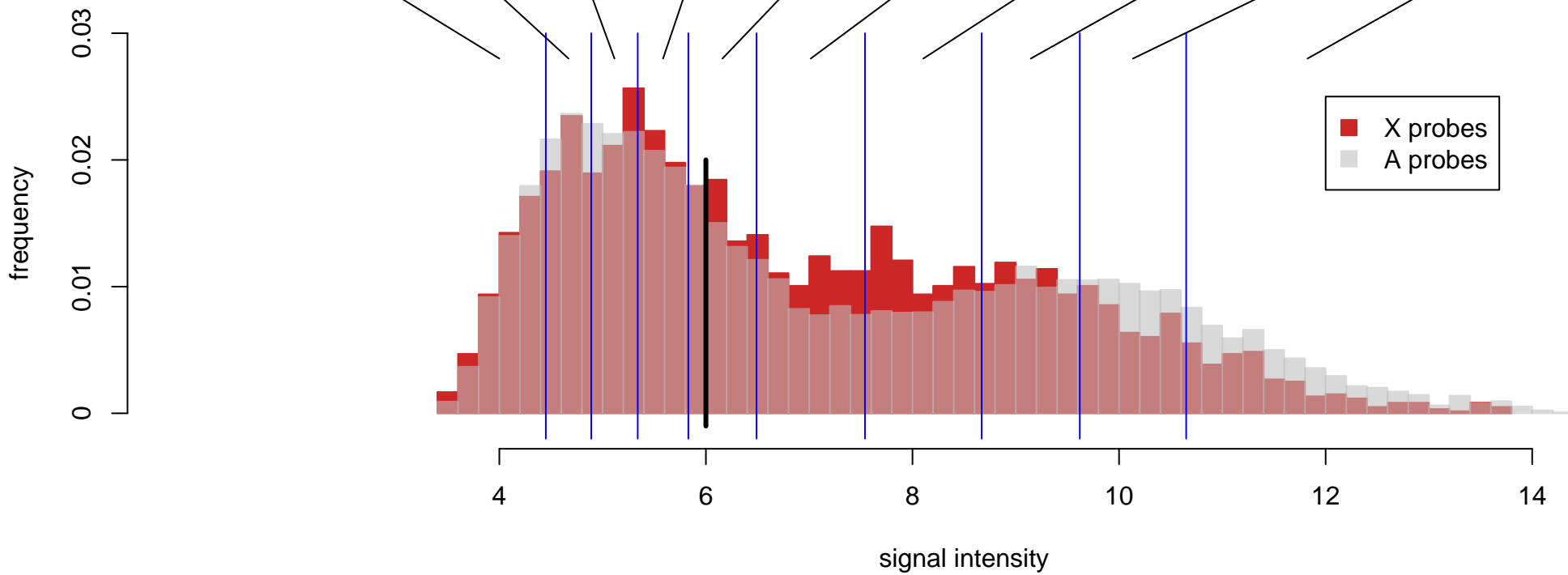
Supplementary Figure 2A: mitotic germline (Agilent)

all probes	>q10	>q20	>q30	>q40	>q50	>q60	>q70	>q80	>q90	
2995	2661	2391	2076	1741	1373	1066	759	486	235	# X probes
15362	13861	12295	10774	9274	7806	6277	4749	3186	1601	# A probes
0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.14	0.13	0.13	% X-linked
-	1.6	0.1	0.4	1.6	6.2	7.2	9.1	8	5	$-\log_{10}(P\text{-value})$
0.48	0.58	0.62	0.58	0.5	0.36	0.26	0.18	0.17	0.05	median A-X
7.7	6.4	11.9	14.5	14.9	8.5	7.6	4.7	4.2	1	$-\log_{10}(P\text{-value})$



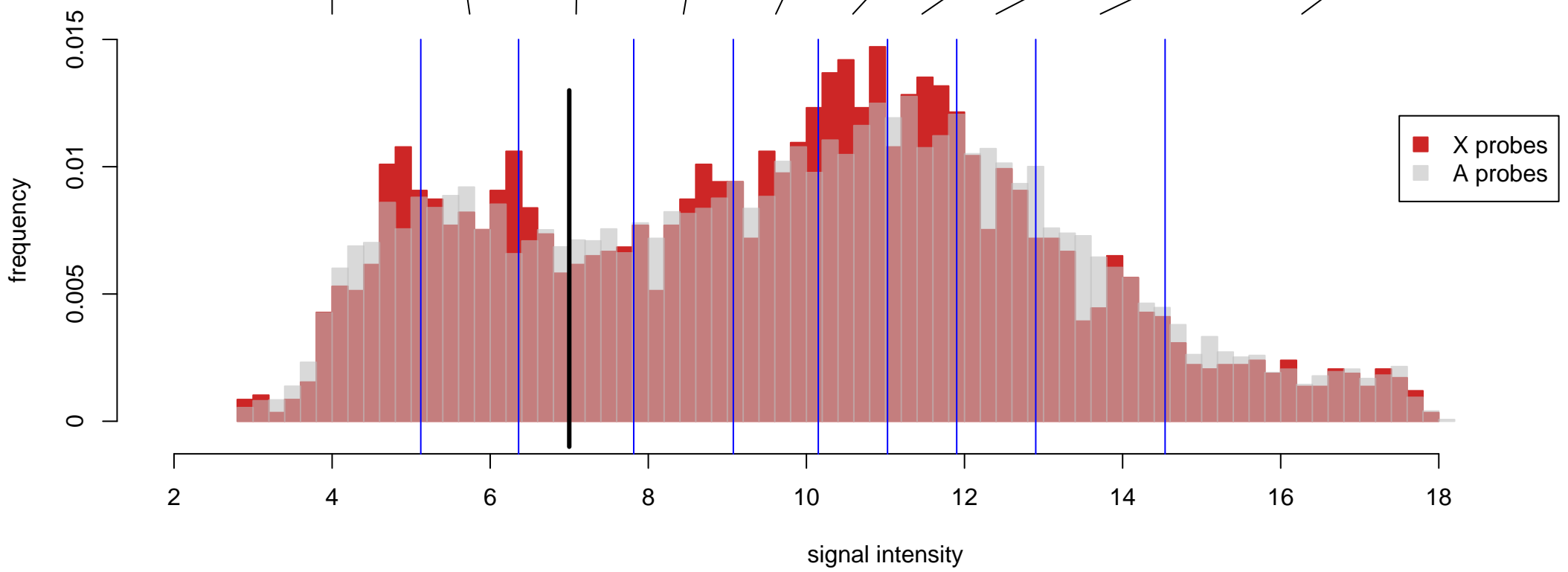
Supplementary Figure 2B: mitotic germline (Affymetrix)

all probes	>q10	>q20	>q30	>q40	>q50	>q60	>q70	>q80	>q90	
2982	2684	2406	2096	1796	1467	1107	727	422	190	# X probes
15099	13569	12073	10553	9051	7568	6130	4691	3200	1618	# A probes
0.16	0.17	0.17	0.17	0.17	0.16	0.15	0.13	0.12	0.11	% X-linked
-	0.1	0.4	0.2	0.1	0.4	3.4	12.8	>15	13.5	$-\log_{10}(P\text{-value})$
0.06	0.14	0.37	0.55	0.67	0.6	0.52	0.34	0.14	0.15	median A-X
3.8	5.2	8.6	12.1	>15	>15	>15	9.9	3.1	1.9	$-\log_{10}(P\text{-value})$



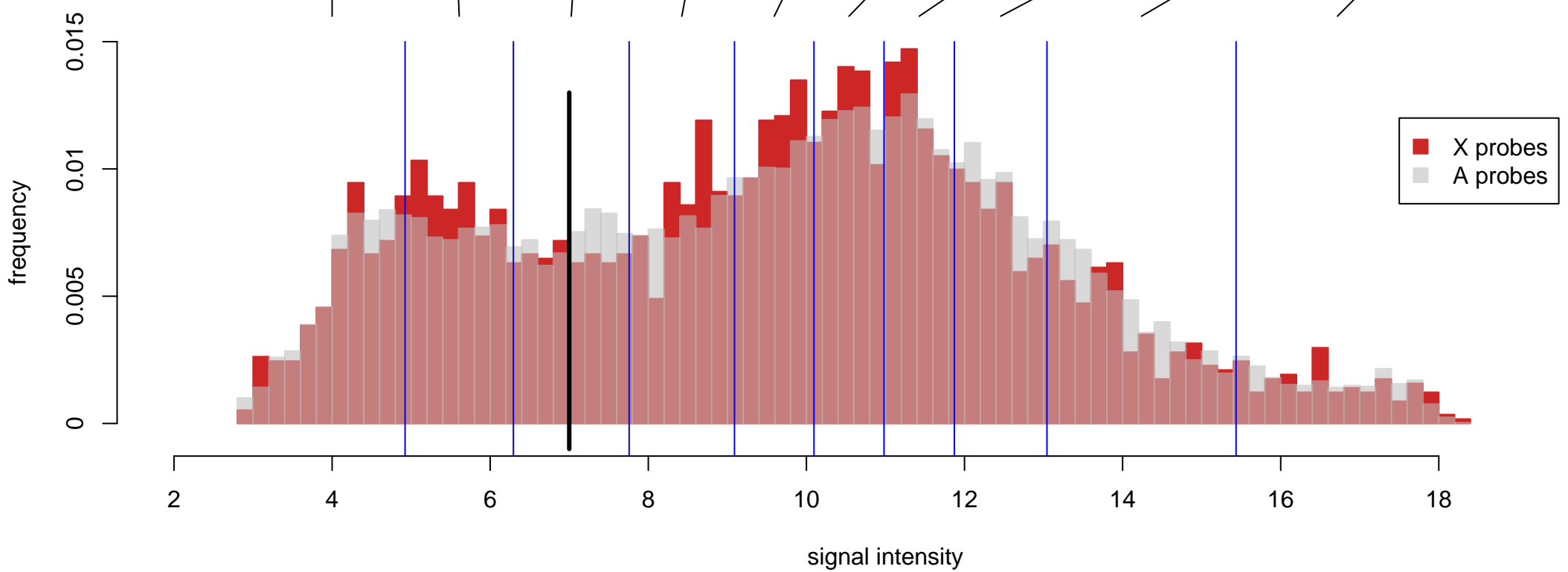
Supplementary Figure 2C: male thorax

all probes	>q10	>q20	>q30	>q40	>q50	>q60	>q70	>q80	>q90	
2995	2698	2382	2082	1786	1469	1124	808	529	265	# X probes
15362	13824	12304	10768	9229	7710	6219	4700	3143	1571	# A probes
0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.14	0.14	% X-linked
-	0	0.3	0.3	0.2	0.6	2.6	4.1	3.4	1.7	$-\log_{10}(P\text{-value})$
0.02	0.12	0.17	0.19	0.27	0.28	0.15	0.04	-0.05	-0.1	median A-X
1.1	1.6	1.5	2	3.5	4	1.4	0.1	0.4	0.5	$-\log_{10}(P\text{-value})$



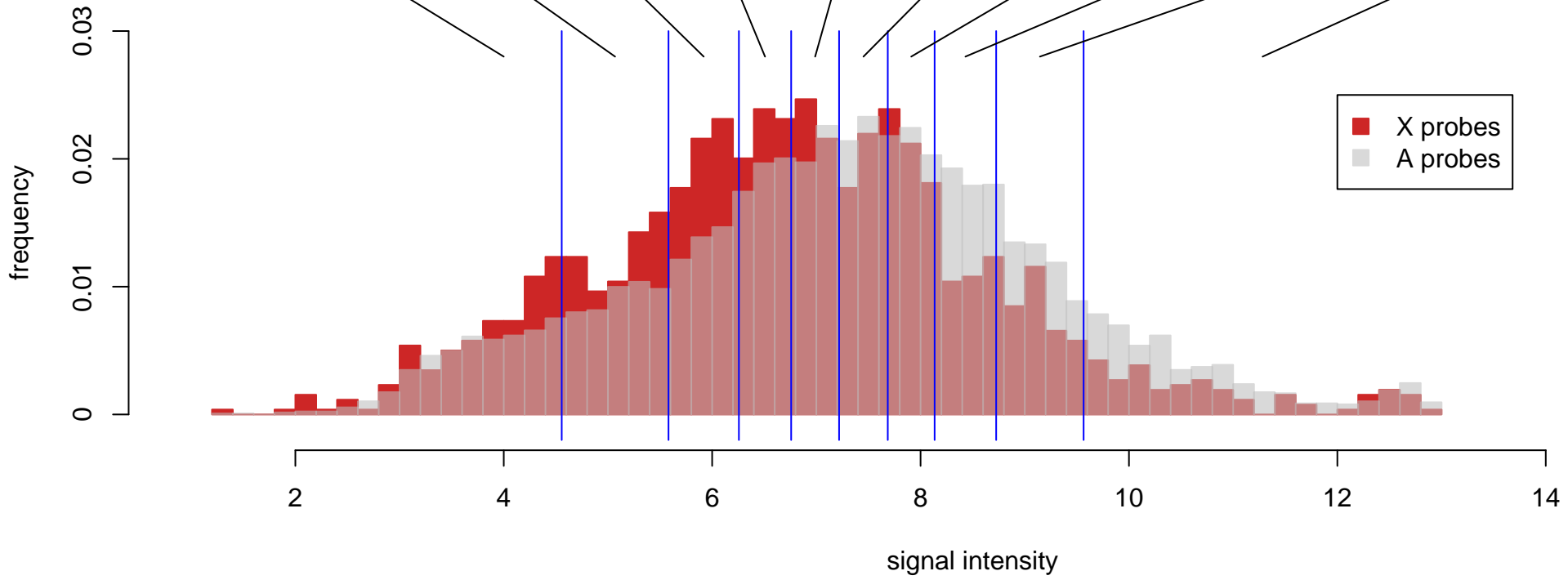
Supplementary Figure 2D: female thorax

all probes	>q10	>q20	>q30	>q40	>q50	>q60	>q70	>q80	>q90	
2995	2693	2357	2085	1767	1434	1121	796	525	260	# X probes
15362	13829	12329	10765	9248	7745	6222	4712	3147	1576	# A probes
0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.14	0.14	0.14	% X-linked
-	0.1	1.3	0.2	0.7	2	2.8	5.2	3.7	2.1	$-\log_{10}(P\text{-value})$
0.13	0.17	0.14	0.2	0.25	0.2	0.16	-0.06	-0.05	0.02	median A-X
1.4	1.8	0.8	2.7	3	1.9	1.3	0.4	0.8	0.3	$-\log_{10}(P\text{-value})$



Supplementary Figure 2E: MSL2 RNAi (Hamada)

all probes	>q10	>q20	>q30	>q40	>q50	>q60	>q70	>q80	>q90	
1297	1139	973	789	645	507	384	259	174	80	# X probes
6309	5707	5112	4536	3919	3296	2659	2023	1348	681	# A probes
0.17	0.17	0.16	0.15	0.14	0.13	0.13	0.11	0.11	0.11	% X-linked
-	2.3	5.8	14	>15	>15	>15	>15	10.8	6.8	$-\log_{10}(P\text{-value})$
0.59	0.55	0.44	0.3	0.31	0.29	0.14	0.04	0.13	-0.15	median A-X
>15	>15	>15	9.2	6.9	4.1	2.9	0.3	0.6	0.1	$-\log_{10}(P\text{-value})$



Supplementary Figure 2F: control cells (Hamada)

all probes	>q10	>q20	>q30	>q40	>q50	>q60	>q70	>q80	>q90	
1297	1167	1034	885	743	599	478	351	216	106	# X probes
6309	5679	5051	4440	3821	3204	2565	1931	1306	655	# A probes
0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.15	0.14	0.14	% X-linked
-	0	0.1	0.9	1.5	2.6	1.9	1.9	3.1	1.8	$-\log_{10}(P\text{-value})$
0.2	0.2	0.16	0.1	0.09	0.04	0.11	0.04	0.04	0.03	median A-X
2	2.7	3.3	2.2	1.6	0.6	0.8	0.7	0.2	0.2	$-\log_{10}(P\text{-value})$

