S2 Table: Percentage of WT sequence recall with HAC basecalled data across a range of Filtlong thresholds.

		Whole interval						Interval filtered for 5+ base homopolymers						Interval filtered for 4+ base homopolymers					
Target	Filtlong threshold	50%	60%	70%	80%	90%	100%	50%	60%	70%	80%	90%	100%	50%	60%	70%	80%	90%	100%
6430573F11Rik	84	99.88	99.83	99.71	99.30	96.75	0.35	100.00	100.00	100.00	99.70	97.53	0.36	100.00	100.00	100.00	99.87	98.11	0.38
Acvr2b	84	99.91	99.91	99.81	98.78	94.69	0.28	100.00	100.00	99.95	99.27	95.39	0.29	100.00	100.00	100.00	99.59	96.50	0.31
Clrn2	84	99.93	99.86	99.72	99.08	96.69	0.42	100.00	100.00	100.00	99.49	97.17	0.44	100.00	100.00	100.00	99.69	97.79	0.46
Cx3cl1	84	100.00	99.87	99.60	99.19	97.31	0.40	100.00	99.93	99.86	99.58	97.99	0.42	100.00	100.00	100.00	99.85	98.33	0.44
Inpp5k	84	100.00	100.00	99.65	98.94	96.71	0.35	100.00	100.00	99.76	99.11	96.92	0.36	100.00	100.00	99.88	99.44	97.59	0.37
Mpeg1	84	100.00	100.00	99.74	98.98	96.81	0.77	100.00	100.00	99.87	99.35	97.14	0.78	100.00	100.00	100.00	99.86	98.07	0.83
6430573F11Rik	85	99.88	99.83	99.71	99.30	96.87	0.35	100.00	100.00	100.00	99.70	97.65	0.36	100.00	100.00	100.00	99.87	98.18	0.38
Acvr2b	85	99.91	99.91	99.81	98.78	94.69	0.28	100.00	100.00	99.95	99.27	95.39	0.29	100.00	100.00	100.00	99.59	96.50	0.31
Clrn2	85	99.93	99.86	99.72	99.08	96.76	0.42	100.00	100.00	100.00	99.49	97.24	0.44	100.00	100.00	100.00	99.69	97.86	0.46
Cx3cl1	85	100.00	99.87	99.60	99.19	97.31	0.40	100.00	99.93	99.86	99.58	97.99	0.42	100.00	100.00	100.00	99.85	98.33	0.44
Inpp5k	85	100.00	100.00	99.65	98.94	96.71	0.35	100.00	100.00	99.76	99.11	96.92	0.36	100.00	100.00	99.88	99.44	97.59	0.37
Mpeg1	85	100.00	100.00	99.74	98.98	96.81	0.77	100.00	100.00	99.87	99.35	97.14	0.78	100.00	100.00	100.00	99.86	98.07	0.83
6430573F11Rik	86	99.88	99.83	99.71	99.30	96.87	0.35	100.00	100.00	100.00	99.70	97.65	0.36	100.00	100.00	100.00	99.87	98.18	0.38
Acvr2b	86	99.91	99.91	99.81	98.78	94.69	0.28	100.00	100.00	99.95	99.27	95.39	0.29	100.00	100.00	100.00	99.59	96.50	0.31
Clrn2	86	99.93	99.86	99.72	99.08	96.76	0.42	100.00	100.00	100.00	99.49	97.24	0.44	100.00	100.00	100.00	99.69	97.86	0.46
Cx3cl1	86	100.00	99.87	99.60	99.19	97.31	0.40	100.00	99.93	99.86	99.58	97.99	0.42	100.00	100.00	100.00	99.85	98.33	0.44
Inpp5k	86	100.00	100.00	99.65	98.94	96.77	0.35	100.00	100.00	99.76	99.11	96.98	0.36	100.00	100.00	99.88	99.44	97.65	0.37
Mpeg1	86	100.00	100.00	99.74	98.98	96.81	0.77	100.00	100.00	99.87	99.35	97.14	0.78	100.00	100.00	100.00	99.86	98.07	0.83
6430573F11Rik	87	99.88	99.83	99.71	99.30	96.87	0.35	100.00	100.00	100.00	99.70	97.65	0.36	100.00	100.00	100.00	99.87	98.18	0.38
Acvr2b	87	99.91	99.91	99.81	98.78	94.79	0.28	100.00	100.00	99.95	99.27	95.49	0.29	100.00	100.00	100.00	99.59	96.60	0.31
Clrn2	87	99.93	99.86	99.72	99.08	96.76	0.42	100.00	100.00	100.00	99.49	97.24	0.44	100.00	100.00	100.00	99.69	97.86	0.46
Cx3cl1	87	100.00	99.87	99.60	99.19	97.31	0.40	100.00	99.93	99.86	99.58	97.99	0.42	100.00	100.00	100.00	99.85	98.33	0.44
Inpp5k	87	100.00	100.00	99.65	98.94	96.77	0.35	100.00	100.00	99.76	99.11	96.98	0.36	100.00	100.00	99.88	99.44	97.65	0.37
Mpeg1	87	100.00	100.00	99.74	98.98	96.81	0.77	100.00	100.00	99.87	99.35	97.14	0.78	100.00	100.00	100.00	99.86	98.07	0.83
6430573F11Rik	88	99.88	99.83	99.71	99.30	96.87	0.35	100.00	100.00	100.00	99.70	97.65	0.36	100.00	100.00	100.00	99.87	98.18	0.38
Acvr2b	88	99.91	99.91	99.81	98.78	94.79	0.28	100.00	100.00	99.95	99.27	95.49	0.29	100.00	100.00	100.00	99.59	96.60	0.31
Clrn2	88	99.93	99.86	99.72	99.08	96.83	0.42	100.00	100.00	100.00	99.49	97.32	0.44	100.00	100.00	100.00	99.69	97.94	0.46
Cx3cl1	88	100.00	99.87	99.60	99.19	97.31	0.40	100.00	99.93	99.86	99.58	97.99	0.42	100.00	100.00	100.00	99.85	98.33	0.44
Inpp5k	88	100.00	100.00	99.65	98.94	96.77	0.35	100.00	100.00	99.76	99.11	96.98	0.36	100.00	100.00	99.88	99.44	97.65	0.37
Mpeg1	88	100.00	100.00	99.74	98.98	96.81	0.77	100.00	100.00	99.87	99.35	97.14	0.78	100.00	100.00	100.00	99.86	98.07	0.83
6430573F11Rik	89	99.88	99.83	99.71	99.30	96.87	0.35	100.00	100.00	100.00	99.70	97.65	0.36	100.00	100.00	100.00	99.87	98.18	0.38
Acvr2b	89	99.91	99.91	99.81	98.78	94.79	0.28	100.00	100.00	99.95	99.27	95.49	0.29	100.00	100.00	100.00	99.59	96.60	0.31
Clrn2	89	99.93	99.86	99.72	99.08	96.83	0.42	100.00	100.00	100.00	99.49	97.32	0.44	100.00	100.00	100.00	99.69	97.94	0.46
Cx3cl1	89	100.00	99.87	99.60	99.19	97.31	0.40	100.00	99.93	99.86	99.58	97.99	0.42	100.00	100.00	100.00	99.85	98.33	0.44
Inpp5k	89	100.00	100.00	99.65	98.94	96.83	0.35	100.00	100.00	99.76	99.11	97.03	0.36	100.00	100.00	99.88	99.44	97.71	0.37
Mpeg1	89	100.00	100.00	99.74	98.98	96.81	0.77	100.00	100.00	99.87	99.35	97.14	0.78	100.00	100.00	100.00	99.86	98.07	0.83
6430573F11Rik	90	99.88	99.83	99.71	99.30	96.87	0.35	100.00	100.00	100.00	99.70	97.65	0.36	100.00	100.00	100.00	99.87	98.18	0.38
Acvr2b	90	99.91	99.91	99.81	98.78	94.79	0.28	100.00	100.00	99.95	99.27	95.49	0.29	100.00	100.00	100.00	99.59	96.60	0.31
Clrn2	90	99.93	99.86	99.72	99.08	97.04	0.42	100.00	100.00	100.00	99.49	97.53	0.44	100.00	100.00	100.00	99.69	98.17	0.46
Cx3cl1	90	100.00	99.87	99.60	99.19	97.31	0.40	100.00	99.93	99.86	99.58	97.99	0.42	100.00	100.00	100.00	99.85	98.33	0.44
Inpp5k	90	100.00	100.00	99.65	98.94	96.83	0.35	100.00	100.00	99.76	99.11	97.03	0.36	100.00	100.00	99.88	99.44	97.71	0.37
Mpeg1	90	100.00	100.00	99.74	98.98	96.81	0.77	100.00	100.00	99.87	99.35	97.14	0.78	100.00	100.00	100.00	99.86	98.07	0.83
6430573F11Rik	91	99.88	99.83	99.71	99.30	96.98	0.35	100.00	100.00	100.00	99.70	97.77	0.36	100.00	100.00	100.00	99.87	98.24	0.38
Acvr2b	91	99.91	99.91	99.81	98.78	94.83	0.28	100.00	100.00	99.95	99.27	95.53	0.29	100.00	100.00	100.00	99.59	96.66	0.31
Clrn2	91	99.93	99.86	99.72	99.08	97.11	0.42	100.00	100.00	100.00	99.49	97.61	0.44	100.00	100.00	100.00	99.69	98.25	0.46
Cx3cl1	91	100.00	99.87	99.60	99.19	97.31	0.40	100.00	99.93	99.86	99.58	97.99	0.42	100.00	100.00	100.00	99.85	98.33	0.44
Inpp5k	91	100.00	100.00	99.65	99.00	96.88	0.35	100.00	100.00	99.76	99.17	97.09	0.36	100.00	100.00	99.88	99.51	97.78	0.37
Mpeg1	91	100.00	100.00	99.74	98.98	96.93	0.77	100.00	100.00	99.87	99.35	97.27	0.78	100.00	100.00	100.00	99.86	98.20	0.83
6430573F11Rik	92	99.88	99.83	99.71	99.30	97.04	0.35	100.00	100.00	100.00	99.70	97.83	0.36	100.00	100.00	100.00	99.87	98.30	0.38
Acvr2b	92	99.91	99.91	99.81	98.78	95.07	0.28	100.00	100.00	99.95	99.27	95.73	0.29	100.00	100.00	100.00	99.59	96.81	0.31
Clrn2	92	99.93	99.86	99.72	99.08	97.18	0.42	100.00	100.00	100.00	99.49	97.68	0.44	100.00	100.00	100.00	99.69	98.32	0.46
Cx3cl1	92	100.00	99.87	99.60	99.19	97.45	0.40	100.00	99.93	99.86	99.58	98.13	0.42	100.00	100.00	100.00	99.85	98.47	0.44
Inpp5k	92	100.00	100.00	99.65	99.00	96.88	0.35	100.00	100.00	99.76	99.17	97.09	0.36	100.00	100.00	99.88	99.51	97.78	0.37
Mpeg1	92	100.00	100.00	99.74	98.98	97.06	0.77	100.00	100.00	99.87	99.35	97.40	0.78	100.00	100.00	100.00	99.86	98.34	0.83
6430573F11Rik	93	99.88	99.83	99.71	99.30	97.10	0.35	100.00	100.00	100.00	99.70	97.89	0.36	100.00	100.00	100.00	99.87	98.36	0.38
Acvr2b	93	99.91	99.91	99.81	98.78	95.16	0.28	100.00	100.00	99.95	99.27	95.83	0.29	100.00	100.00	100.00	99.59	96.91	0.31
Clrn2	93	99.93	99.86	99.72	99.15	97.18	0.42	100.00	100.00	100.00	99.56	97.68	0.44	100.00	100.00	100.00	99.69	98.32	0.46
Cx3cl1	93	100.00	99.87	99.60	99.19	97.51	0.40	100.00	99.93	99.86	99.58	98.13	0.42	100.00	100.00	100.00	99.85	98.47	0.44
Inpp5k	93	100.00	100.00	99.65	99.06	97.06	0.35	100.00	100.00	99.76	99.23	97.27	0.36	100.00	100.00	99.88	99.57	97.90	0.37
Mpeg1	93	100.00	100.00	99.74	98.98	97.06	0.77	100.00	100.00	99.87	99.35	97.40	0.78	100.00	100.00	100.00	99.86	98.34	0.83
6430573F11Rik	94	99.88	99.83	99.71	99.30	97.10	0.35	100.00	100.00	100.00	99.70	97.89	0.36	100.00	100.00	100.00	99.87	98.36	0.38
Acvr2b	94	99.91	99.91	99.81	98.78	95.35	0.28	100.00	100.00	99.95	99.27	96.02	0.29	100.00	100.00	100.00	99.59	97.07	0.31
Clrn2	94	99.93	99.86	99.72	99.15	97.39	0.42	100.00	100.00	100.00	99.56	97.90	0.44	100.00	100.00	100.00	99.69	98.55	0.46
Cx3cl1	94	100.00	99.87	99.60	99.19	97.58	0.40	100.00	99.93	99.86	99.58	98.20	0.42	100.00	100.00	100.00	99.85	98.55	0.44
Inpp5k	94	100.00	100.00	99.65	99.06	97.24	0.35	100.00	100.00	99.76	99.23	97.45	0.36	100.00	100.00	99.88	99.57	98.08	0.37
Mpeg1	94	100.00	100.00	99.74	98.98	97.32	0.77	100.00	100.00	99.87	99.35	97.66	0.78	100.00	100.00	100.00	99.86	98.62	0.83
6430573F11Rik	95	99.88	99.83	99.71	99.30	97.22	0.35	100.00	100.00	100.00	99.70	98.01	0.36	100.00	100.00	100.00	99.87	98.43	0.38
Acvr2b	95	99.91	99.91	99.81	98.92	95.73	0.28	100.00	100.00	99.95	99.42	96.41	0.29	100.00	100.00	100.00	99.69	97.38	0.31
Clrn2	95	99.93	99.86	99.72	99.15	97.54	0.42	100.00	100.00	100.00	99.56	98.04	0.44	100.00	100.00	100.00	99.69	98.63	0.46
Cx3cl1	95	100.00	99.87	99.60	99.19	97.58	0.40	100.00	99.93	99.86	99.58	98.20	0.42	100.00	100.00	100.00	99.85	98.55	0.44
Inpp5k	95	100.00	100.00	99.71	99.12	97.47	0.35	100.00	100.00	99.82	99.29	97.69	0.36	100.00	100.00	99.88	99.57	98.27	0.37
Mpeg1	95	100.00	100.00	99.74	98.98	97.32	0.77	100.00	100.00	99.87	99.35	97.66	0.78	100.00	100.00	100.00	99.86	98.62	0.83
6430573F11Rik	96	99.88	99.83	99.71	99.36	97.22	0.35	100.00	100.00	100.00	99.76	98.01	0.36	100.00	100.00	100.00	99.94	98.43	0.38
Acvr2b	96	99.91	99.91	99.81	98.92	96.10	0.28	100.00	100.00	99.95	99.42	96.75	0.29	100.00	100.00	100.00	99.69	97.74	0.31
Clrn2	96	99.93	99.86	99.86	99.30	97.54	0.42	100.00	100.00	100.00	99.64	98.04	0.44	100.00	100.00	100.00	99.77	98.63	0.46
Cx3cl1	96	100.00	99.87	99.60	99.19	97.65	0.40	100.00	99.93	99.86	99.58	98.27	0.42	100.00	100.00	100.00	99.85	98.62	0.44
Inpp5k	96	100.00	100.00	99.71	99.12	97.71	0.35	100.00	100.00	99.82	99.29	97.92	0.36	100.00	100.00	99.88	99.57	98.52	0.37
Mpeg1	96	100.00	100.00	99.74	98.98	97.57	0.77	100.00	100.00	99.87	99.35	97.92	0.78	100.00	100.00	100.00	99.86	98.76	0.83
6430573F11Rik	97	99.88	99.83	99.71	99.36	97.39	0.35	100.00	100.00	100.00	99.76	98.19	0.36	100.00	100.00	100.00	99.94	98.55	0.38
Acvr2b	97	99.91	99.91	99.77	99.06	96.62	0.28	100.00	100.00	99.95	99.51	97.28	0.29	100.00	100.00	100.00	99.79	98.30	0.31
Clrn2	97	99.93	99.86	99.86	99.30	97.89	0.42	100.00	100.00	100.00	99.64	98.40	0.44	100.00	100.00	100.00	99.77	98.93	0.46
Cx3cl1	97	100.00	99.87	99.66	99.19	97.78	0.40	100.00	99.93	99.86	99.58	98.40	0.42	100.00	100.00	100.00	99.85	98.77	0.44
Inpp5k	97	100.00	100.00	99.76	99.18	97.94	0.35	100.00	100.00	99.82	99.35	98.16	0.36	100.00	100.00	99.88	99.57	98.64	0.37
Mpeg1	97	100.00	100.00	99.74	99.11	97.70	0.77	100.00	100.00	99.87	99.48	98.05	0.78	100.00	100.00	100.00	99.86	98.90	0.83
6430573F11Rik	98	99.88	99.83	99.83	99.54	97.74	0.41	100.00	100.00	100.00	99.88	98.50	0.42	100.00	100.00	100.00	100.00	98.74	0.44
Acvr2b	98	99.91	99.86	99.81	99.25	97.18	25.60	100.00	100.00	100.00	99.56	97.82	25.87	100.00	100.00	100.00	99.85	98.66	25.98
Clrn2	98	99.93	99.86	99.86	99.44	98.31	0.42	100.00	100.00	100.00	99.71	98.84	0.44	100.00	100.00	100.00	99.85	99.31	0.46
Cx3cl1	98	100.00	99.87	99.66	99.40	98.32	0.40	100.00	99.93	99.86	99.79	98.89	0.42	100.00	100.00	100.00	99.93	99.27	0.44
Inpp5k	98	100.00	100.00	99.82	99.35	98.24	0.41	100.00	100.00	99.94	99.47	98.46	0.42	100.00	100.00	100.00	99.69	98.89	0.43
Mpeg1	98	100.00	100.00	99.87	99.23	97.83	0.77	100.00	100.00	99.87	99.61	98.18	0.78	100.00	100.00	100.00	99.86	99.03	0.83
6430573F11Rik	99	99.94	99.88	99.25	99.25	94.49	94.49	100.00	99.94	99.52	99.52	94.77	94.77	100.00	100.00	99.56	99.56	95.22	95.22
Acvr2b	99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clrn2	99	99.93	98.17	98.17	98.17	98.17	98.17	100.00	98.33	98.33	98.33	98.33	98.33	100.00	98.47	98.47	98.47	98.47	98.47
Cx3cl1	99	99.40	99.40	99.40	99.40	99.40	99.40	99.44	99.44	99.44	99.44	99.44	99.44	99.42	99.42	99.42	99.42	99.42	99.42
Inpp5k	99	99.94	99.94	97.65	97.65	97.65	97.65	99.94	99.94	97.98	97.98	97.98	97.98	99.94	99.94	98.21	98.21	98.21	98.21
Mpeg1	99	100.00	99.74	99.62	99.36	97.70	82.38	100.00	99.74	99.74	99.48	98.18	82.81	100.00	100.00	100.00	99.86	98.76	83.56

This table summarises the percentage of WT sequence recall across a range of Filtlong threshold values with consensus thresholds ranging from 50% to 100%.