

Table S4. A comparison of the runtimes of three RNA-seq based Immunoglobulin gene analysis tool IgSeqR (1) and (2) on diffuse large B cell lymphoma (DLBCL) with unconfirmed tumor infiltration

Sample ID	Disease	Time (Minutes)	Sequence length (nucleotides)	Tumor Proportion (%)
273E	CLL	31.45	2489	91
279A	CLL	46.58	2402	89
280D	CLL	32.37	552	91
475C	CLL	38.75	2346	91
496B	CLL	23.42	2398	84
500F	CLL	39.23	2239	84
519C	CLL	29.23	2197	95
551A	CLL	34.38	884	95
580C	CLL	29.98	2329	83
636B	CLL	33.53	2309	92
716B	CLL	36.40	1578	88
735A	CLL	25.72	2424	83
754B	CLL	26.17	2214	86
774A	CLL	32.25	2502	97
791A	CLL	35.52	2345	87
794	CLL	35.32	2247	86
816A	CLL	27.28	756	80
822	CLL	33.52	2439	90
DLBCL10450	DLBCL	196.95	2304	34
DLBCL10452	DLBCL	152.83	1859	27
DLBCL10453	DLBCL	138.13	752	76
DLBCL10454	DLBCL	326.85	2221	30
DLBCL10457	DLBCL	324.92	1650	21
DLBCL10458	DLBCL	117.05	1814	37
DLBCL10459	DLBCL	424.45	1067	33
DLBCL10460	DLBCL	304.97	2039	57
DLBCL10461	DLBCL	285.88	2064	52
DLBCL10462	DLBCL	194.97	2203	64
Average CLL		32.84	2036	89
Average DLBCL		246.70	1797	43

on chronic lymphocytic leukaemia (CLL) samples with high tumor infiltration and

Seconds/nucleotide	Reads	Seconds/million reads
0.758135798	66341046	28.443929
1.163613655	94686800	29.518370
3.518115942	75327526	25.780748
0.991048593	86246872	26.957499
0.585904921	56967992	24.662972
1.051362215	76456812	30.788624
0.798361402	56687166	30.941748
2.333710407	82192060	25.099748
0.772434521	77353374	23.256904
0.871372889	70265588	28.634216
1.384030418	68414302	31.923150
0.636551155	60969250	25.307840
0.709123758	61565988	25.501093
0.773381295	57958408	33.386010
0.908742004	75161872	28.352141
0.943035158	74742366	28.350721
2.165343915	69065864	23.702013
0.824518245	69211142	29.056015
5.12890625	127934842	92.367332
4.932759548	114158390	80.326991
11.0212766	117673954	70.431899
8.829806394	152056286	128.971978
11.81515152	169378294	115.097393
3.871554576	104166642	67.420816
23.8678538	57390024	443.753082
8.974006866	55892250	327.379914
8.310562016	159272726	107.695777
5.310031775	153928876	75.996137
1.18	71089690	27.759097
9.21	121185228	150.944132