

Table S1 Summary of sequencing reads mapping to the reference genome and quality parameters.

Sample	RawReads (M)	CleanReads (M)	ValidBases (%)	Q30 (%)	GC (%)	Total mapped reads (%)
H_1_pituitary	48.89	47.65	97.47	96.74	49.47	94.09
H_2_pituitary	47.55	46.91	98.66	96.33	49.5	94.23
H_3_pituitary	48.81	47.71	97.74	96.59	49.59	94.11
H_4_pituitary	47.74	46.83	98.1	96.58	49.61	94.07
H_5_pituitary	47.99	47	97.93	96.64	49.45	94.23
H_6_pituitary	48.36	47.15	97.51	96.6	49.67	94.24
H_7_pituitary	48.64	47.47	97.59	96.59	48.96	93.96
L_1_pituitary	48.36	47.1	97.4	96.45	49.88	94.15
L_2_pituitary	47.83	46.9	98.07	96.68	49.66	94.24
L_3_pituitary	48.27	47.26	97.91	96.86	49.45	94.24
L_4_pituitary	48.25	47.2	97.82	96.47	49.57	93.98
L_5_pituitary	48.99	47.91	97.8	97.28	49.47	94.50
L_6_pituitary	48.18	47.11	97.77	96.43	49.42	93.91
L_7_pituitary	48.43	47.29	97.64	96.54	49.61	93.79
H_1-liver	49.32	48.11	97.54	96.3	47.76	95.97
H_2-liver	48.3	47.11	97.52	96.25	48.09	95.73
H_3-liver	46.01	45.29	98.43	96.26	47.96	95.90
H_4-liver	41.64	40.94	98.31	95.96	48.11	96.08
H_5-liver	40.31	39.71	98.52	96.71	48.07	96.05
H_6-liver	43.95	43.24	98.39	96.04	47.83	95.92
H_7-liver	47.54	46.73	98.3	96.34	47.89	96.10
L_1-liver	47.33	46.49	98.22	95.84	47.73	95.98
L_2-liver	48.71	47.59	97.71	96.42	48.05	95.66
L_3-liver	47.54	46.37	97.54	96.19	48.2	95.85
L_4-liver	47.86	46.97	98.15	96.18	47.65	95.97
L_5-liver	43.59	42.6	97.72	96.93	47.68	96.44
L_6-liver	47.79	46.82	97.96	96.02	47.54	96.02
L_7-liver	46.18	45.54	98.61	95.85	47.13	95.94