

Table S5. Global statistics for the new SS20 assembly.

	Length	GC (%)	tRNA	Gene number	Gene density (/Mb)	Gene length	Secretory protein	Protease	CAZyme	BUSCO	Repeat content (%)
Chr01	5,789,553	52.94	17	1,686	291.21	1,815	76	41	31	297	29.26
Chr02	5,238,936	52	11	1,165	222.37	1,892	59	35	20	138	46.74
Chr03	5,215,133	51.78	8	1,148	220.13	1,749	54	25	19	251	48.61
Chr04	5,124,334	52.72	16	1,420	277.11	1,807	61	38	30	156	34.46
Chr05	4,739,067	52.02	9	1,088	229.58	1,794	40	26	18	130	45.55
Chr06	4,105,753	53.48	12	1,269	309.08	1,741	57	46	24	264	25.54
Chr07	3,770,044	52.54	7	946	250.93	1,789	37	24	10	126	40.15
Chr08	3,697,473	51.28	6	681	184.18	1,867	25	18	20	66	58.17
Chr09	3,632,268	51.71	5	769	211.71	1,704	29	21	11	49	52.27
Chr10	3,488,937	51.27	7	729	208.95	1,792	27	13	8	66	51.61
Chr11	3,302,231	52.73	11	675	204.41	1,629	33	13	15	56	45.45
Chr12	3,276,791	51.72	8	676	206.30	1,914	43	9	23	47	46.60
Chr13	3,094,610	51.57	9	643	207.78	1,740	33	20	10	49	53.07
Chr14	2,653,028	50.96	2	520	196.00	1,955	19	16	8	49	43.68
Chr15	2,479,260	50.15	1	374	150.85	2,162	4	6	4	3	73.35