

Appendix H GFF3 of 330 TaLTPs

Chromosome	Source	Type	Start position	End position	Score	Strand	Phase	Attributes
chrUn	IWGSC_March2017	mRNA	168641413	168641760	52	-	.	ID=TraesCSU01G147100.1;Parent=TraesCSU01G147100;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	168641413	168641760	.	-	.	Parent=TraesCSU01G147100.1
chrUn	IWGSC_March2017	CDS	168641413	168641760	.	-	0	Parent=TraesCSU01G147100.1
chrUn	IWGSC_March2017	mRNA	386578210	386578557	50	-	.	ID=TraesCSU01G251500.1;Parent=TraesCSU01G251500;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	386578210	386578557	.	-	.	Parent=TraesCSU01G251500.1
chrUn	IWGSC_March2017	CDS	386578210	386578557	.	-	0	Parent=TraesCSU01G251500.1
chr3B	IWGSC_March2017	mRNA	35773382	35773729	48	+	.	ID=TraesCS3B01G064100.1;Parent=TraesCS3B01G064100;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35773382	35773729	.	+	.	Parent=TraesCS3B01G064100.1
chr3B	IWGSC_March2017	CDS	35773382	35773729	.	+	0	Parent=TraesCS3B01G064100.1
chr3B	IWGSC_March2017	mRNA	35701446	35701793	39	+	.	ID=TraesCS3B01G063700.1;Parent=TraesCS3B01G063700;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35701446	35701793	.	+	.	Parent=TraesCS3B01G063700.1
chr3B	IWGSC_March2017	CDS	35701446	35701793	.	+	0	Parent=TraesCS3B01G063700.1
chr3B	IWGSC_March2017	mRNA	35212403	35212750	48	+	.	ID=TraesCS3B01G063000.1;Parent=TraesCS3B01G063000;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35212403	35212750	.	+	.	Parent=TraesCS3B01G063000.1
chr3B	IWGSC_March2017	CDS	35212403	35212750	.	+	0	Parent=TraesCS3B01G063000.1
chr3B	IWGSC_March2017	mRNA	35288587	35288934	48	+	.	ID=TraesCS3B01G063100.1;Parent=TraesCS3B01G063100;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35288587	35288934	.	+	.	Parent=TraesCS3B01G063100.1
chr3B	IWGSC_March2017	CDS	35288587	35288934	.	+	0	Parent=TraesCS3B01G063100.1
chr3B	IWGSC_March2017	mRNA	35754310	35755107	32	+	.	ID=TraesCS3B01G063900.1;Parent=TraesCS3B01G063900;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35754310	35754642	.	+	.	Parent=TraesCS3B01G063900.1
chr3B	IWGSC_March2017	CDS	35754310	35754642	.	+	0	Parent=TraesCS3B01G063900.1
chr3B	IWGSC_March2017	exon	35755093	35755107	.	+	.	Parent=TraesCS3B01G063900.1
chr3B	IWGSC_March2017	CDS	35755093	35755107	.	+	0	Parent=TraesCS3B01G063900.1
chr3B	IWGSC_March2017	mRNA	35823275	35838529	31	+	.	ID=TraesCS3B01G064200.1;Parent=TraesCS3B01G064200;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35823275	35823617	.	+	.	Parent=TraesCS3B01G064200.1
chr3B	IWGSC_March2017	CDS	35823275	35823617	.	+	0	Parent=TraesCS3B01G064200.1
chr3B	IWGSC_March2017	exon	35838519	35838529	.	+	.	Parent=TraesCS3B01G064200.1
chr3B	IWGSC_March2017	CDS	35838519	35838529	.	+	2	Parent=TraesCS3B01G064200.1
chrUn	IWGSC_March2017	mRNA	401347004	401347682	33	+	.	ID=TraesCSU01G258000.1;Parent=TraesCSU01G258000;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	401347004	401347346	.	+	.	Parent=TraesCSU01G258000.1
chrUn	IWGSC_March2017	CDS	401347004	401347346	.	+	0	Parent=TraesCSU01G258000.1
chrUn	IWGSC_March2017	exon	401347672	401347682	.	+	.	Parent=TraesCSU01G258000.1

chrUn	IWGSC_March2017	CDS	401347672	401347682	.	+	2	Parent=TraesCSU01G258000.1
chrUn	IWGSC_March2017	mRNA	168709387	168709734	31	-	.	ID=TraesCSU01G147300.1;Parent=TraesCSU01G147300;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	168709387	168709734	.	-	.	Parent=TraesCSU01G147300.1
chrUn	IWGSC_March2017	CDS	168709387	168709734	.	-	0	Parent=TraesCSU01G147300.1
chr3B	IWGSC_March2017	mRNA	35837851	35838198	34	+	.	ID=TraesCS3B01G064300.1;Parent=TraesCS3B01G064300;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35837851	35838198	.	+	.	Parent=TraesCS3B01G064300.1
chr3B	IWGSC_March2017	CDS	35837851	35838198	.	+	0	Parent=TraesCS3B01G064300.1
chr3B	IWGSC_March2017	mRNA	35839101	35839820	31	+	.	ID=TraesCS3B01G064400.1;Parent=TraesCS3B01G064400;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35839101	35839820	.	+	.	Parent=TraesCS3B01G064400.1
chr3B	IWGSC_March2017	five_prime_UTR	35839101	35839139	.	+	.	Parent=TraesCS3B01G064400.1
chr3B	IWGSC_March2017	CDS	35839140	35839487	.	+	0	Parent=TraesCS3B01G064400.1
chr3B	IWGSC_March2017	three_prime_UTR	35839488	35839820	.	+	.	Parent=TraesCS3B01G064400.1
chrUn	IWGSC_March2017	mRNA	43664724	43665176	53	+	.	ID=TraesCSU01G056700.1;Parent=TraesCSU01G056700;primconf=HC;seconf=HC2
chrUn	IWGSC_March2017	exon	43664724	43665176	.	+	.	Parent=TraesCSU01G056700.1
chrUn	IWGSC_March2017	CDS	43664724	43665176	.	+	0	Parent=TraesCSU01G056700.1
chrUn	IWGSC_March2017	mRNA	43770507	43770854	52	+	.	ID=TraesCSU01G056900.1;Parent=TraesCSU01G056900;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	43770507	43770854	.	+	.	Parent=TraesCSU01G056900.1
chrUn	IWGSC_March2017	CDS	43770507	43770854	.	+	0	Parent=TraesCSU01G056900.1
chr3D	IWGSC_March2017	mRNA	21204149	21204469	30	-	.	ID=TraesCS3D01G051900.1;Parent=TraesCS3D01G051900;primconf=HC;seconf=HC1
chr3D	IWGSC_March2017	exon	21204149	21204469	.	-	.	Parent=TraesCS3D01G051900.1
chr3D	IWGSC_March2017	CDS	21204149	21204469	.	-	0	Parent=TraesCS3D01G051900.1
chrUn	IWGSC_March2017	mRNA	44529121	44529417	50	-	.	ID=TraesCSU01G057300.1;Parent=TraesCSU01G057300;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	44529121	44529417	.	-	.	Parent=TraesCSU01G057300.1
chrUn	IWGSC_March2017	CDS	44529121	44529417	.	-	0	Parent=TraesCSU01G057300.1
chrUn	IWGSC_March2017	mRNA	44500426	44500722	50	-	.	ID=TraesCSU01G057200.1;Parent=TraesCSU01G057200;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	44500426	44500722	.	-	.	Parent=TraesCSU01G057200.1
chrUn	IWGSC_March2017	CDS	44500426	44500722	.	-	0	Parent=TraesCSU01G057200.1
chrUn	IWGSC_March2017	mRNA	44271400	44271696	50	+	.	ID=TraesCSU01G057000.1;Parent=TraesCSU01G057000;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	44271400	44271696	.	+	.	Parent=TraesCSU01G057000.1
chrUn	IWGSC_March2017	CDS	44271400	44271696	.	+	0	Parent=TraesCSU01G057000.1
chrUn	IWGSC_March2017	mRNA	44297234	44297530	50	+	.	ID=TraesCSU01G057100.1;Parent=TraesCSU01G057100;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	44297234	44297530	.	+	.	Parent=TraesCSU01G057100.1
chrUn	IWGSC_March2017	CDS	44297234	44297530	.	+	0	Parent=TraesCSU01G057100.1
chrUn	IWGSC_March2017	mRNA	43650856	43651152	30	+	.	ID=TraesCSU01G056600.1;Parent=TraesCSU01G056600;primconf=HC;seconf=HC2

chrUn	IWGSC_March2017	exon	43650856	43651152	.	+	.	Parent=TraesCSU01G056600.1
chrUn	IWGSC_March2017	CDS	43650856	43651152	.	+	0	Parent=TraesCSU01G056600.1
chr3B	IWGSC_March2017	mRNA	34466936	34467232	49	-	.	ID=TraesCS3B01G062600.1;Parent=TraesCS3B01G062600;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	34466936	34467232	.	-	.	Parent=TraesCS3B01G062600.1
chr3B	IWGSC_March2017	CDS	34466936	34467232	.	-	0	Parent=TraesCS3B01G062600.1
chr3B	IWGSC_March2017	mRNA	34522061	34522513	50	-	.	ID=TraesCS3B01G062700.1;Parent=TraesCS3B01G062700;primconf=HC;seconf=HC2
chr3B	IWGSC_March2017	exon	34522061	34522513	.	-	.	Parent=TraesCS3B01G062700.1
chr3B	IWGSC_March2017	CDS	34522061	34522513	.	-	0	Parent=TraesCS3B01G062700.1
chr3B	IWGSC_March2017	mRNA	35640294	35640641	49	+	.	ID=TraesCS3B01G063500.1;Parent=TraesCS3B01G063500;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35640294	35640641	.	+	.	Parent=TraesCS3B01G063500.1
chr3B	IWGSC_March2017	CDS	35640294	35640641	.	+	0	Parent=TraesCS3B01G063500.1
chr3B	IWGSC_March2017	mRNA	35461914	35462261	52	+	.	ID=TraesCS3B01G063200.1;Parent=TraesCS3B01G063200;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35461914	35462261	.	+	.	Parent=TraesCS3B01G063200.1
chr3B	IWGSC_March2017	CDS	35461914	35462261	.	+	0	Parent=TraesCS3B01G063200.1
chr3B	IWGSC_March2017	mRNA	35574124	35574471	52	+	.	ID=TraesCS3B01G063400.1;Parent=TraesCS3B01G063400;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35574124	35574471	.	+	.	Parent=TraesCS3B01G063400.1
chr3B	IWGSC_March2017	CDS	35574124	35574471	.	+	0	Parent=TraesCS3B01G063400.1
chrUn	IWGSC_March2017	mRNA	390420707	390421054	50	-	.	ID=TraesCSU01G253500.1;Parent=TraesCSU01G253500;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	390420707	390421054	.	-	.	Parent=TraesCSU01G253500.1
chrUn	IWGSC_March2017	CDS	390420707	390421054	.	-	0	Parent=TraesCSU01G253500.1
chrUn	IWGSC_March2017	mRNA	352901801	352902148	52	-	.	ID=TraesCSU01G237900.1;Parent=TraesCSU01G237900;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	352901801	352902148	.	-	.	Parent=TraesCSU01G237900.1
chrUn	IWGSC_March2017	CDS	352901801	352902148	.	-	0	Parent=TraesCSU01G237900.1
chrUn	IWGSC_March2017	mRNA	202839683	202840030	51	-	.	ID=TraesCSU01G154200.1;Parent=TraesCSU01G154200;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	202839683	202840030	.	-	.	Parent=TraesCSU01G154200.1
chrUn	IWGSC_March2017	CDS	202839683	202840030	.	-	0	Parent=TraesCSU01G154200.1
chrUn	IWGSC_March2017	mRNA	168644994	168645341	52	-	.	ID=TraesCSU01G147200.1;Parent=TraesCSU01G147200;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	168644994	168645341	.	-	.	Parent=TraesCSU01G147200.1
chrUn	IWGSC_March2017	CDS	168644994	168645341	.	-	0	Parent=TraesCSU01G147200.1
chr3B	IWGSC_March2017	mRNA	35697822	35698169	46	+	.	ID=TraesCS3B01G063600.1;Parent=TraesCS3B01G063600;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35697822	35698169	.	+	.	Parent=TraesCS3B01G063600.1
chr3B	IWGSC_March2017	CDS	35697822	35698169	.	+	0	Parent=TraesCS3B01G063600.1
chr3B	IWGSC_March2017	mRNA	35769759	35770106	47	+	.	ID=TraesCS3B01G064000.1;Parent=TraesCS3B01G064000;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35769759	35770106	.	+	.	Parent=TraesCS3B01G064000.1

chr3B	IWGSC_March2017	CDS	35769759	35770106	.	+	0	Parent=TraesCS3B01G064000.1
chr3B	IWGSC_March2017	mRNA	35517977	35518273	31	+	.	ID=TraesCS3B01G063300.1;Parent=TraesCS3B01G063300;primconf=HC;seconf=HC2
chr3B	IWGSC_March2017	exon	35517977	35518273	.	+	.	Parent=TraesCS3B01G063300.1
chr3B	IWGSC_March2017	CDS	35517977	35518273	.	+	0	Parent=TraesCS3B01G063300.1
chr3B	IWGSC_March2017	mRNA	35732236	35732532	32	+	.	ID=TraesCS3B01G063800.1;Parent=TraesCS3B01G063800;primconf=HC;seconf=HC2
chr3B	IWGSC_March2017	exon	35732236	35732532	.	+	.	Parent=TraesCS3B01G063800.1
chr3B	IWGSC_March2017	CDS	35732236	35732532	.	+	0	Parent=TraesCS3B01G063800.1
chrUn	IWGSC_March2017	mRNA	265761705	265762001	31	+	.	ID=TraesCSU01G176300.1;Parent=TraesCSU01G176300;primconf=HC;seconf=HC2
chrUn	IWGSC_March2017	exon	265761705	265762001	.	+	.	Parent=TraesCSU01G176300.1
chrUn	IWGSC_March2017	CDS	265761705	265762001	.	+	0	Parent=TraesCSU01G176300.1
chr3A	IWGSC_March2017	mRNA	29048477	29049022	52	+	.	ID=TraesCS3A01G053000.1;Parent=TraesCS3A01G053000;primconf=HC;seconf=HC1
chr3A	IWGSC_March2017	exon	29048477	29049022	.	+	.	Parent=TraesCS3A01G053000.1
chr3A	IWGSC_March2017	five_prime_UTR	29048477	29048595	.	+	.	Parent=TraesCS3A01G053000.1
chr3A	IWGSC_March2017	CDS	29048596	29048943	.	+	0	Parent=TraesCS3A01G053000.1
chr3A	IWGSC_March2017	three_prime_UTR	29048944	29049022	.	+	.	Parent=TraesCS3A01G053000.1
chr3A	IWGSC_March2017	mRNA	29351545	29352062	56	-	.	ID=TraesCS3A01G053100.1;Parent=TraesCS3A01G053100;primconf=HC;seconf=HC1
chr3A	IWGSC_March2017	exon	29351545	29352062	.	-	.	Parent=TraesCS3A01G053100.1
chr3A	IWGSC_March2017	three_prime_UTR	29351545	29351628	.	-	.	Parent=TraesCS3A01G053100.1
chr3A	IWGSC_March2017	CDS	29351629	29351976	.	-	0	Parent=TraesCS3A01G053100.1
chr3A	IWGSC_March2017	five_prime_UTR	29351977	29352062	.	-	.	Parent=TraesCS3A01G053100.1
chr3D	IWGSC_March2017	mRNA	21328598	21329050	57	-	.	ID=TraesCS3D01G052100.1;Parent=TraesCS3D01G052100;primconf=HC;seconf=HC2
chr3D	IWGSC_March2017	exon	21328598	21329050	.	-	.	Parent=TraesCS3D01G052100.1
chr3D	IWGSC_March2017	CDS	21328598	21329050	.	-	0	Parent=TraesCS3D01G052100.1
chrUn	IWGSC_March2017	mRNA	316645401	316645748	52	+	.	ID=TraesCSU01G213500.1;Parent=TraesCSU01G213500;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	316645401	316645748	.	+	.	Parent=TraesCSU01G213500.1
chrUn	IWGSC_March2017	CDS	316645401	316645748	.	+	0	Parent=TraesCSU01G213500.1
chr3B	IWGSC_March2017	mRNA	35037705	35038052	52	+	.	ID=TraesCS3B01G062800.1;Parent=TraesCS3B01G062800;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35037705	35038052	.	+	.	Parent=TraesCS3B01G062800.1
chr3B	IWGSC_March2017	CDS	35037705	35038052	.	+	0	Parent=TraesCS3B01G062800.1
chr3B	IWGSC_March2017	mRNA	35119171	35119518	46	+	.	ID=TraesCS3B01G062900.1;Parent=TraesCS3B01G062900;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	35119171	35119518	.	+	.	Parent=TraesCS3B01G062900.1
chr3B	IWGSC_March2017	CDS	35119171	35119518	.	+	0	Parent=TraesCS3B01G062900.1
chr3A	IWGSC_March2017	mRNA	29724499	29724843	31	+	.	ID=TraesCS3A01G053200.1;Parent=TraesCS3A01G053200;primconf=HC;seconf=HC1
chr3A	IWGSC_March2017	exon	29724499	29724843	.	+	.	Parent=TraesCS3A01G053200.1

chr3A	IWGSC_March2017	CDS	29724499	29724843	.	+	0	Parent=TraesCS3A01G053200.1
chr4B	IWGSC_March2017	mRNA	142674471	142675651	42	+	.	ID=TraesCS4B01G121000.1;Parent=TraesCS4B01G121000;primconf=HC;secconf=HC1
chr4B	IWGSC_March2017	exon	142674471	142674713	.	+	.	Parent=TraesCS4B01G121000.1
chr4B	IWGSC_March2017	CDS	142674471	142674713	.	+	0	Parent=TraesCS4B01G121000.1
chr4B	IWGSC_March2017	exon	142675532	142675651	.	+	.	Parent=TraesCS4B01G121000.1
chr4B	IWGSC_March2017	CDS	142675532	142675651	.	+	0	Parent=TraesCS4B01G121000.1
chr4A	IWGSC_March2017	mRNA	476142148	476142510	47	-	.	ID=TraesCS4A01G194300.1;Parent=TraesCS4A01G194300;primconf=HC;secconf=HC1
chr4A	IWGSC_March2017	exon	476142148	476142510	.	-	.	Parent=TraesCS4A01G194300.1
chr4A	IWGSC_March2017	CDS	476142148	476142510	.	-	0	Parent=TraesCS4A01G194300.1
chr4D	IWGSC_March2017	mRNA	100336137	100336499	52	+	.	ID=TraesCS4D01G119000.1;Parent=TraesCS4D01G119000;primconf=HC;secconf=HC1
chr4D	IWGSC_March2017	exon	100336137	100336499	.	+	.	Parent=TraesCS4D01G119000.1
chr4D	IWGSC_March2017	CDS	100336137	100336499	.	+	0	Parent=TraesCS4D01G119000.1
chr4B	IWGSC_March2017	mRNA	142541428	142541912	54	+	.	ID=TraesCS4B01G120900.1;Parent=TraesCS4B01G120900;primconf=HC;secconf=HC1
chr4B	IWGSC_March2017	exon	142541428	142541792	.	+	.	Parent=TraesCS4B01G120900.1
chr4B	IWGSC_March2017	CDS	142541428	142541792	.	+	0	Parent=TraesCS4B01G120900.1
chr4B	IWGSC_March2017	exon	142541903	142541912	.	+	.	Parent=TraesCS4B01G120900.1
chr4B	IWGSC_March2017	CDS	142541903	142541912	.	+	1	Parent=TraesCS4B01G120900.1
chr4A	IWGSC_March2017	mRNA	476145519	476146036	54	-	.	ID=TraesCS4A01G194400.1;Parent=TraesCS4A01G194400;primconf=HC;secconf=HC1
chr4A	IWGSC_March2017	exon	476145519	476145528	.	-	.	Parent=TraesCS4A01G194400.1
chr4A	IWGSC_March2017	CDS	476145519	476145528	.	-	1	Parent=TraesCS4A01G194400.1
chr4A	IWGSC_March2017	exon	476145672	476146036	.	-	.	Parent=TraesCS4A01G194400.1
chr4A	IWGSC_March2017	CDS	476145672	476146036	.	-	0	Parent=TraesCS4A01G194400.1
chr4D	IWGSC_March2017	mRNA	100319858	100320368	45	+	.	ID=TraesCS4D01G118900.1;Parent=TraesCS4D01G118900;primconf=HC;secconf=HC1
chr4D	IWGSC_March2017	exon	100319858	100320222	.	+	.	Parent=TraesCS4D01G118900.1
chr4D	IWGSC_March2017	CDS	100319858	100320222	.	+	0	Parent=TraesCS4D01G118900.1
chr4D	IWGSC_March2017	exon	100320359	100320368	.	+	.	Parent=TraesCS4D01G118900.1
chr4D	IWGSC_March2017	CDS	100320359	100320368	.	+	1	Parent=TraesCS4D01G118900.1
chr5B	IWGSC_March2017	mRNA	273146678	273147794	42	-	.	ID=TraesCS5B01G145900.1;Parent=TraesCS5B01G145900;primconf=HC;secconf=HC1
chr5B	IWGSC_March2017	exon	273146678	273146693	.	-	.	Parent=TraesCS5B01G145900.1
chr5B	IWGSC_March2017	CDS	273146678	273146693	.	-	1	Parent=TraesCS5B01G145900.1
chr5B	IWGSC_March2017	exon	273147436	273147794	.	-	.	Parent=TraesCS5B01G145900.1
chr5B	IWGSC_March2017	CDS	273147436	273147794	.	-	0	Parent=TraesCS5B01G145900.1
chr5D	IWGSC_March2017	mRNA	232011275	232012084	54	+	.	ID=TraesCS5D01G145300.1;Parent=TraesCS5D01G145300;primconf=HC;secconf=HC1
chr5D	IWGSC_March2017	exon	232011275	232011630	.	+	.	Parent=TraesCS5D01G145300.1

chr5D	IWGSC_March2017	CDS	232011275	232011630	.	+	0	Parent=TraesCS5D01G145300.1
chr5D	IWGSC_March2017	exon	232012075	232012084	.	+	.	Parent=TraesCS5D01G145300.1
chr5D	IWGSC_March2017	CDS	232012075	232012084	.	+	1	Parent=TraesCS5D01G145300.1
chr2A	IWGSC_March2017	mRNA	716549323	716549679	46	-	.	ID=TraesCS2A01G477700.1;Parent=TraesCS2A01G477700;primconf=HC;secconf=HC1
chr2A	IWGSC_March2017	exon	716549323	716549679	.	-	.	Parent=TraesCS2A01G477700.1
chr2A	IWGSC_March2017	CDS	716549323	716549679	.	-	0	Parent=TraesCS2A01G477700.1
chr2D	IWGSC_March2017	mRNA	579064937	579065293	48	-	.	ID=TraesCS2D01G476900.1;Parent=TraesCS2D01G476900;primconf=HC;secconf=HC1
chr2D	IWGSC_March2017	exon	579064937	579065293	.	-	.	Parent=TraesCS2D01G476900.1
chr2D	IWGSC_March2017	CDS	579064937	579065293	.	-	0	Parent=TraesCS2D01G476900.1
chr2A	IWGSC_March2017	mRNA	716544323	716544799	54	-	.	ID=TraesCS2A01G477600.1;Parent=TraesCS2A01G477600;primconf=HC;secconf=HC1
chr2A	IWGSC_March2017	exon	716544323	716544332	.	-	.	Parent=TraesCS2A01G477600.1
chr2A	IWGSC_March2017	CDS	716544323	716544332	.	-	1	Parent=TraesCS2A01G477600.1
chr2A	IWGSC_March2017	exon	716544462	716544799	.	-	.	Parent=TraesCS2A01G477600.1
chr2A	IWGSC_March2017	CDS	716544462	716544799	.	-	0	Parent=TraesCS2A01G477600.1
chr2B	IWGSC_March2017	mRNA	696080828	696081190	51	-	.	ID=TraesCS2B01G501000.1;Parent=TraesCS2B01G501000;primconf=HC;secconf=HC1
chr2B	IWGSC_March2017	exon	696080828	696081190	.	-	.	Parent=TraesCS2B01G501000.1
chr2B	IWGSC_March2017	CDS	696080828	696081190	.	-	0	Parent=TraesCS2B01G501000.1
chr2D	IWGSC_March2017	mRNA	579060097	579060574	38	-	.	ID=TraesCS2D01G476800.1;Parent=TraesCS2D01G476800;primconf=HC;secconf=HC1
chr2D	IWGSC_March2017	exon	579060097	579060106	.	-	.	Parent=TraesCS2D01G476800.1
chr2D	IWGSC_March2017	CDS	579060097	579060106	.	-	1	Parent=TraesCS2D01G476800.1
chr2D	IWGSC_March2017	exon	579060231	579060574	.	-	.	Parent=TraesCS2D01G476800.1
chr2D	IWGSC_March2017	CDS	579060231	579060574	.	-	0	Parent=TraesCS2D01G476800.1
chr2B	IWGSC_March2017	mRNA	695992511	695992985	53	-	.	ID=TraesCS2B01G500900.1;Parent=TraesCS2B01G500900;primconf=HC;secconf=HC1
chr2B	IWGSC_March2017	exon	695992511	695992520	.	-	.	Parent=TraesCS2B01G500900.1
chr2B	IWGSC_March2017	CDS	695992511	695992520	.	-	1	Parent=TraesCS2B01G500900.1
chr2B	IWGSC_March2017	exon	695992642	695992985	.	-	.	Parent=TraesCS2B01G500900.1
chr2B	IWGSC_March2017	CDS	695992642	695992985	.	-	0	Parent=TraesCS2B01G500900.1
chr2B	IWGSC_March2017	mRNA	695928027	695928501	45	-	.	ID=TraesCS2B01G500700.1;Parent=TraesCS2B01G500700;primconf=HC;secconf=HC1
chr2B	IWGSC_March2017	exon	695928027	695928036	.	-	.	Parent=TraesCS2B01G500700.1
chr2B	IWGSC_March2017	CDS	695928027	695928036	.	-	1	Parent=TraesCS2B01G500700.1
chr2B	IWGSC_March2017	exon	695928158	695928501	.	-	.	Parent=TraesCS2B01G500700.1
chr2B	IWGSC_March2017	CDS	695928158	695928501	.	-	0	Parent=TraesCS2B01G500700.1
chr2B	IWGSC_March2017	mRNA	695964030	695964504	45	-	.	ID=TraesCS2B01G500800.1;Parent=TraesCS2B01G500800;primconf=HC;secconf=HC1
chr2B	IWGSC_March2017	exon	695964030	695964039	.	-	.	Parent=TraesCS2B01G500800.1

chr2B	IWGSC_March2017	CDS	695964030	695964039	.	-	1	Parent=TraesCS2B01G500800.1
chr2B	IWGSC_March2017	exon	695964161	695964504	.	-	.	Parent=TraesCS2B01G500800.1
chr2B	IWGSC_March2017	CDS	695964161	695964504	.	-	0	Parent=TraesCS2B01G500800.1
chr5B	IWGSC_March2017	mRNA	273458906	273459346	54	-	.	ID=TraesCS5B01G146000.1;Parent=TraesCS5B01G146000;primconf=HC;secconf=HC1
chr5B	IWGSC_March2017	exon	273458906	273458912	.	-	.	Parent=TraesCS5B01G146000.1
chr5B	IWGSC_March2017	CDS	273458906	273458912	.	-	1	Parent=TraesCS5B01G146000.1
chr5B	IWGSC_March2017	exon	273459003	273459346	.	-	.	Parent=TraesCS5B01G146000.1
chr5B	IWGSC_March2017	CDS	273459003	273459346	.	-	0	Parent=TraesCS5B01G146000.1
chr5A	IWGSC_March2017	mRNA	325184241	325184588	31	-	.	ID=TraesCS5A01G147400.1;Parent=TraesCS5A01G147400;primconf=HC;secconf=HC1
chr5A	IWGSC_March2017	exon	325184241	325184588	.	-	.	Parent=TraesCS5A01G147400.1
chr5A	IWGSC_March2017	CDS	325184241	325184588	.	-	0	Parent=TraesCS5A01G147400.1
chr5D	IWGSC_March2017	mRNA	231788218	231788670	42	+	.	ID=TraesCS5D01G145200.1;Parent=TraesCS5D01G145200;primconf=HC;secconf=HC1
chr5D	IWGSC_March2017	exon	231788218	231788561	.	+	.	Parent=TraesCS5D01G145200.1
chr5D	IWGSC_March2017	CDS	231788218	231788561	.	+	0	Parent=TraesCS5D01G145200.1
chr5D	IWGSC_March2017	exon	231788664	231788670	.	+	.	Parent=TraesCS5D01G145200.1
chr5D	IWGSC_March2017	CDS	231788664	231788670	.	+	1	Parent=TraesCS5D01G145200.1
chr4B	IWGSC_March2017	mRNA	661641797	661642258	36	+	.	ID=TraesCS4B01G382200.1;Parent=TraesCS4B01G382200;primconf=HC;secconf=HC1
chr4B	IWGSC_March2017	exon	661641797	661642137	.	+	.	Parent=TraesCS4B01G382200.1
chr4B	IWGSC_March2017	CDS	661641797	661642137	.	+	0	Parent=TraesCS4B01G382200.1
chr4B	IWGSC_March2017	exon	661642249	661642258	.	+	.	Parent=TraesCS4B01G382200.1
chr4B	IWGSC_March2017	CDS	661642249	661642258	.	+	1	Parent=TraesCS4B01G382200.1
chr1A	IWGSC_March2017	mRNA	495284357	495284829	54	+	.	ID=TraesCS1A01G300300.1;Parent=TraesCS1A01G300300;primconf=HC;secconf=HC1
chr1A	IWGSC_March2017	exon	495284357	495284736	.	+	.	Parent=TraesCS1A01G300300.1
chr1A	IWGSC_March2017	CDS	495284357	495284736	.	+	0	Parent=TraesCS1A01G300300.1
chr1A	IWGSC_March2017	exon	495284823	495284829	.	+	.	Parent=TraesCS1A01G300300.1
chr1A	IWGSC_March2017	CDS	495284823	495284829	.	+	1	Parent=TraesCS1A01G300300.1
chr1B	IWGSC_March2017	mRNA	533406182	533406642	45	+	.	ID=TraesCS1B01G310400.1;Parent=TraesCS1B01G310400;primconf=HC;secconf=HC1
chr1B	IWGSC_March2017	exon	533406182	533406552	.	+	.	Parent=TraesCS1B01G310400.1
chr1B	IWGSC_March2017	CDS	533406182	533406552	.	+	0	Parent=TraesCS1B01G310400.1
chr1B	IWGSC_March2017	exon	533406636	533406642	.	+	.	Parent=TraesCS1B01G310400.1
chr1B	IWGSC_March2017	CDS	533406636	533406642	.	+	1	Parent=TraesCS1B01G310400.1
chr3A	IWGSC_March2017	mRNA	594348786	594349754	54	-	.	ID=TraesCS3A01G344700.1;Parent=TraesCS3A01G344700;primconf=HC;secconf=HC1
chr3A	IWGSC_March2017	exon	594348786	594349112	.	-	.	Parent=TraesCS3A01G344700.1
chr3A	IWGSC_March2017	three_prime_UTR	594348786	594349102	.	-	.	Parent=TraesCS3A01G344700.1

chr3A	IWGSC_March2017	CDS	594349103	594349112	.	-	1	Parent=TraesCS3A01G344700.1
chr3A	IWGSC_March2017	exon	594349232	594349754	.	-	.	Parent=TraesCS3A01G344700.1
chr3A	IWGSC_March2017	CDS	594349232	594349584	.	-	0	Parent=TraesCS3A01G344700.1
chr3A	IWGSC_March2017	five_prime_UTR	594349585	594349754	.	-	.	Parent=TraesCS3A01G344700.1
chr3B	IWGSC_March2017	mRNA	592867387	592867840	54	-	.	ID=TraesCS3B01G376700.1;Parent=TraesCS3B01G376700;primconf=HC;secconf=HC1
chr3B	IWGSC_March2017	exon	592867387	592867396	.	-	.	Parent=TraesCS3B01G376700.1
chr3B	IWGSC_March2017	CDS	592867387	592867396	.	-	1	Parent=TraesCS3B01G376700.1
chr3B	IWGSC_March2017	exon	592867488	592867840	.	-	.	Parent=TraesCS3B01G376700.1
chr3B	IWGSC_March2017	CDS	592867488	592867840	.	-	0	Parent=TraesCS3B01G376700.1
chr3D	IWGSC_March2017	mRNA	451234200	451235096	43	-	.	ID=TraesCS3D01G338300.1;Parent=TraesCS3D01G338300;primconf=HC;secconf=HC1
chr3D	IWGSC_March2017	exon	451234200	451234531	.	-	.	Parent=TraesCS3D01G338300.1
chr3D	IWGSC_March2017	three_prime_UTR	451234200	451234521	.	-	.	Parent=TraesCS3D01G338300.1
chr3D	IWGSC_March2017	CDS	451234522	451234531	.	-	1	Parent=TraesCS3D01G338300.1
chr3D	IWGSC_March2017	exon	451234648	451235096	.	-	.	Parent=TraesCS3D01G338300.1
chr3D	IWGSC_March2017	CDS	451234648	451235003	.	-	0	Parent=TraesCS3D01G338300.1
chr3D	IWGSC_March2017	five_prime_UTR	451235004	451235096	.	-	.	Parent=TraesCS3D01G338300.1
chr7D	IWGSC_March2017	mRNA	424642681	424644915	53	-	.	ID=TraesCS7D01G333300.1;Parent=TraesCS7D01G333300;primconf=HC;secconf=HC1
chr7D	IWGSC_March2017	exon	424642681	424642690	.	-	.	Parent=TraesCS7D01G333300.1
chr7D	IWGSC_March2017	CDS	424642681	424642690	.	-	1	Parent=TraesCS7D01G333300.1
chr7D	IWGSC_March2017	exon	424644557	424644915	.	-	.	Parent=TraesCS7D01G333300.1
chr7D	IWGSC_March2017	CDS	424644557	424644915	.	-	0	Parent=TraesCS7D01G333300.1
chr7A	IWGSC_March2017	mRNA	508650558	508653697	54	+	.	ID=TraesCS7A01G345900.1;Parent=TraesCS7A01G345900;primconf=HC;secconf=HC1
chr7A	IWGSC_March2017	exon	508650558	508650916	.	+	.	Parent=TraesCS7A01G345900.1
chr7A	IWGSC_March2017	CDS	508650558	508650916	.	+	0	Parent=TraesCS7A01G345900.1
chr7A	IWGSC_March2017	exon	508653688	508653697	.	+	.	Parent=TraesCS7A01G345900.1
chr7A	IWGSC_March2017	CDS	508653688	508653697	.	+	1	Parent=TraesCS7A01G345900.1
chr7B	IWGSC_March2017	mRNA	442353337	442353699	46	-	.	ID=TraesCS7B01G237300.1;Parent=TraesCS7B01G237300;primconf=HC;secconf=HC1
chr7B	IWGSC_March2017	exon	442353337	442353699	.	-	.	Parent=TraesCS7B01G237300.1
chr7B	IWGSC_March2017	CDS	442353337	442353699	.	-	0	Parent=TraesCS7B01G237300.1
chr3D	IWGSC_March2017	mRNA	119404001	119404521	52	+	.	ID=TraesCS3D01G152900.1;Parent=TraesCS3D01G152900;primconf=HC;secconf=HC1
chr3D	IWGSC_March2017	exon	119404001	119404356	.	+	.	Parent=TraesCS3D01G152900.1
chr3D	IWGSC_March2017	CDS	119404001	119404356	.	+	0	Parent=TraesCS3D01G152900.1
chr3D	IWGSC_March2017	exon	119404503	119404521	.	+	.	Parent=TraesCS3D01G152900.1
chr3D	IWGSC_March2017	CDS	119404503	119404521	.	+	1	Parent=TraesCS3D01G152900.1

chr3A	IWGSC_March2017	mRNA	126035274	126035793	52	+	.	ID=TraesCS3A01G144200.1;Parent=TraesCS3A01G144200;primconf=HC;secconf=HC1
chr3A	IWGSC_March2017	exon	126035274	126035632	.	+	.	Parent=TraesCS3A01G144200.1
chr3A	IWGSC_March2017	CDS	126035274	126035632	.	+	0	Parent=TraesCS3A01G144200.1
chr3A	IWGSC_March2017	exon	126035775	126035793	.	+	.	Parent=TraesCS3A01G144200.1
chr3A	IWGSC_March2017	CDS	126035775	126035793	.	+	1	Parent=TraesCS3A01G144200.1
chr3B	IWGSC_March2017	mRNA	171701279	171702110	62	+	.	ID=TraesCS3B01G170800.1;Parent=TraesCS3B01G170800;primconf=HC;secconf=HC1
chr3B	IWGSC_March2017	exon	171701279	171701719	.	+	.	Parent=TraesCS3B01G170800.1
chr3B	IWGSC_March2017	five_prime_UTR	171701279	171701363	.	+	.	Parent=TraesCS3B01G170800.1
chr3B	IWGSC_March2017	CDS	171701364	171701719	.	+	0	Parent=TraesCS3B01G170800.1
chr3B	IWGSC_March2017	exon	171701866	171702110	.	+	.	Parent=TraesCS3B01G170800.1
chr3B	IWGSC_March2017	CDS	171701866	171701884	.	+	1	Parent=TraesCS3B01G170800.1
chr3B	IWGSC_March2017	three_prime_UTR	171701885	171702110	.	+	.	Parent=TraesCS3B01G170800.1
chr7B	IWGSC_March2017	mRNA	8917091	8917597	54	-	.	ID=TraesCS7B01G012800.1;Parent=TraesCS7B01G012800;primconf=HC;secconf=HC2
chr7B	IWGSC_March2017	exon	8917091	8917109	.	-	.	Parent=TraesCS7B01G012800.1
chr7B	IWGSC_March2017	CDS	8917091	8917109	.	-	1	Parent=TraesCS7B01G012800.1
chr7B	IWGSC_March2017	exon	8917230	8917597	.	-	.	Parent=TraesCS7B01G012800.1
chr7B	IWGSC_March2017	CDS	8917230	8917597	.	-	0	Parent=TraesCS7B01G012800.1
chr7D	IWGSC_March2017	mRNA	66817931	66818437	54	-	.	ID=TraesCS7D01G110800.1;Parent=TraesCS7D01G110800;primconf=HC;secconf=HC2
chr7D	IWGSC_March2017	exon	66817931	66817949	.	-	.	Parent=TraesCS7D01G110800.1
chr7D	IWGSC_March2017	CDS	66817931	66817949	.	-	1	Parent=TraesCS7D01G110800.1
chr7D	IWGSC_March2017	exon	66818070	66818437	.	-	.	Parent=TraesCS7D01G110800.1
chr7D	IWGSC_March2017	CDS	66818070	66818437	.	-	0	Parent=TraesCS7D01G110800.1
chr5B	IWGSC_March2017	mRNA	648316276	648316775	45	-	.	ID=TraesCS5B01G475800.1;Parent=TraesCS5B01G475800;primconf=HC;secconf=HC1
chr5B	IWGSC_March2017	exon	648316276	648316285	.	-	.	Parent=TraesCS5B01G475800.1
chr5B	IWGSC_March2017	CDS	648316276	648316285	.	-	1	Parent=TraesCS5B01G475800.1
chr5B	IWGSC_March2017	exon	648316396	648316775	.	-	.	Parent=TraesCS5B01G475800.1
chr5B	IWGSC_March2017	CDS	648316396	648316775	.	-	0	Parent=TraesCS5B01G475800.1
chr5B	IWGSC_March2017	mRNA	648338360	648338919	44	+	.	ID=TraesCS5B01G475900.1;Parent=TraesCS5B01G475900;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	648338360	648338799	.	+	.	Parent=TraesCS5B01G475900.1
chr5B	IWGSC_March2017	CDS	648338360	648338799	.	+	0	Parent=TraesCS5B01G475900.1
chr5B	IWGSC_March2017	exon	648338910	648338919	.	+	.	Parent=TraesCS5B01G475900.1
chr5B	IWGSC_March2017	CDS	648338910	648338919	.	+	1	Parent=TraesCS5B01G475900.1
chr5B	IWGSC_March2017	mRNA	648278280	648278860	44	-	.	ID=TraesCS5B01G475500.1;Parent=TraesCS5B01G475500;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	648278280	648278289	.	-	.	Parent=TraesCS5B01G475500.1

chr5B	IWGSC_March2017	CDS	648278280	648278289	.	-	1	Parent=TraesCS5B01G475500.1
chr5B	IWGSC_March2017	exon	648278421	648278860	.	-	.	Parent=TraesCS5B01G475500.1
chr5B	IWGSC_March2017	CDS	648278421	648278860	.	-	0	Parent=TraesCS5B01G475500.1
chr5A	IWGSC_March2017	mRNA	643864608	643864991	46	-	.	ID=TraesCS5A01G464100.1;Parent=TraesCS5A01G464100;primconf=HC;seconf=HC1
chr5A	IWGSC_March2017	exon	643864608	643864991	.	-	.	Parent=TraesCS5A01G464100.1
chr5A	IWGSC_March2017	CDS	643864608	643864991	.	-	0	Parent=TraesCS5A01G464100.1
chr5D	IWGSC_March2017	mRNA	515641574	515642061	55	-	.	ID=TraesCS5D01G476800.1;Parent=TraesCS5D01G476800;primconf=HC;seconf=HC1
chr5D	IWGSC_March2017	exon	515641574	515641583	.	-	.	Parent=TraesCS5D01G476800.1
chr5D	IWGSC_March2017	CDS	515641574	515641583	.	-	1	Parent=TraesCS5D01G476800.1
chr5D	IWGSC_March2017	exon	515641697	515642061	.	-	.	Parent=TraesCS5D01G476800.1
chr5D	IWGSC_March2017	CDS	515641697	515642061	.	-	0	Parent=TraesCS5D01G476800.1
chr4B	IWGSC_March2017	mRNA	667648682	667649238	46	+	.	ID=TraesCS4B01G392800.1;Parent=TraesCS4B01G392800;primconf=HC;seconf=HC1
chr4B	IWGSC_March2017	exon	667648682	667649238	.	+	.	Parent=TraesCS4B01G392800.1
chr4B	IWGSC_March2017	five_prime_UTR	667648682	667648809	.	+	.	Parent=TraesCS4B01G392800.1
chr4B	IWGSC_March2017	CDS	667648810	667649091	.	+	0	Parent=TraesCS4B01G392800.1
chr4B	IWGSC_March2017	three_prime_UTR	667649092	667649238	.	+	.	Parent=TraesCS4B01G392800.1
chr5B	IWGSC_March2017	mRNA	689336940	689337218	52	-	.	ID=TraesCS5B01G531100.1;Parent=TraesCS5B01G531100;primconf=HC;seconf=HC1
chr5B	IWGSC_March2017	exon	689336940	689337218	.	-	.	Parent=TraesCS5B01G531100.1
chr5B	IWGSC_March2017	CDS	689336940	689337218	.	-	0	Parent=TraesCS5B01G531100.1
chrUn	IWGSC_March2017	mRNA	29818715	29819276	41	+	.	ID=TraesCSU01G033000.1;Parent=TraesCSU01G033000;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	29818715	29819276	.	+	.	Parent=TraesCSU01G033000.1
chrUn	IWGSC_March2017	five_prime_UTR	29818715	29818847	.	+	.	Parent=TraesCSU01G033000.1
chrUn	IWGSC_March2017	CDS	29818848	29819123	.	+	0	Parent=TraesCSU01G033000.1
chrUn	IWGSC_March2017	three_prime_UTR	29819124	29819276	.	+	.	Parent=TraesCSU01G033000.1
chrUn	IWGSC_March2017	mRNA	29990008	29990530	56	-	.	ID=TraesCSU01G033800.1;Parent=TraesCSU01G033800;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	29990008	29990530	.	-	.	Parent=TraesCSU01G033800.1
chrUn	IWGSC_March2017	three_prime_UTR	29990008	29990172	.	-	.	Parent=TraesCSU01G033800.1
chrUn	IWGSC_March2017	CDS	29990173	29990454	.	-	0	Parent=TraesCSU01G033800.1
chrUn	IWGSC_March2017	five_prime_UTR	29990455	29990530	.	-	.	Parent=TraesCSU01G033800.1
chrUn	IWGSC_March2017	mRNA	29841789	29842034	30	+	.	ID=TraesCSU01G033100.1;Parent=TraesCSU01G033100;primconf=HC;seconf=HC2
chrUn	IWGSC_March2017	exon	29841789	29842034	.	+	.	Parent=TraesCSU01G033100.1
chrUn	IWGSC_March2017	CDS	29841789	29842034	.	+	0	Parent=TraesCSU01G033100.1
chr5A	IWGSC_March2017	mRNA	706289606	706290141	43	+	.	ID=TraesCS5A01G554400.1;Parent=TraesCS5A01G554400;primconf=HC;seconf=HC1
chr5A	IWGSC_March2017	exon	706289606	706290141	.	+	.	Parent=TraesCS5A01G554400.1

chr5A	IWGSC_March2017	five_prime_UTR	706289606	706289800	.	+	.	Parent=TraesCS5A01G554400.1
chr5A	IWGSC_March2017	CDS	706289801	706289995	.	+	0	Parent=TraesCS5A01G554400.1
chr5A	IWGSC_March2017	three_prime_UTR	706289996	706290141	.	+	.	Parent=TraesCS5A01G554400.1
chr5B	IWGSC_March2017	mRNA	689340369	689340665	47	-	.	ID=TraesCS5B01G531200.1;Parent=TraesCS5B01G531200;primconf=HC;secconf=HC1
chr5B	IWGSC_March2017	exon	689340369	689340665	.	-	.	Parent=TraesCS5B01G531200.1
chr5B	IWGSC_March2017	CDS	689340369	689340665	.	-	0	Parent=TraesCS5B01G531200.1
chr4B	IWGSC_March2017	mRNA	667855279	667855569	48	-	.	ID=TraesCS4B01G393300.1;Parent=TraesCS4B01G393300;primconf=HC;secconf=HC1
chr4B	IWGSC_March2017	exon	667855279	667855569	.	-	.	Parent=TraesCS4B01G393300.1
chr4B	IWGSC_March2017	CDS	667855279	667855569	.	-	0	Parent=TraesCS4B01G393300.1
chr5A	IWGSC_March2017	mRNA	706270547	706271093	60	+	.	ID=TraesCS5A01G554300.1;Parent=TraesCS5A01G554300;primconf=HC;secconf=HC1
chr5A	IWGSC_March2017	exon	706270547	706271093	.	+	.	Parent=TraesCS5A01G554300.1
chr5A	IWGSC_March2017	five_prime_UTR	706270547	706270654	.	+	.	Parent=TraesCS5A01G554300.1
chr5A	IWGSC_March2017	CDS	706270655	706270945	.	+	0	Parent=TraesCS5A01G554300.1
chr5A	IWGSC_March2017	three_prime_UTR	706270946	706271093	.	+	.	Parent=TraesCS5A01G554300.1
chrUn	IWGSC_March2017	mRNA	29798529	29799033	47	+	.	ID=TraesCSU01G032900.1;Parent=TraesCSU01G032900;primconf=HC;secconf=HC1
chrUn	IWGSC_March2017	exon	29798529	29799033	.	+	.	Parent=TraesCSU01G032900.1
chrUn	IWGSC_March2017	five_prime_UTR	29798529	29798591	.	+	.	Parent=TraesCSU01G032900.1
chrUn	IWGSC_March2017	CDS	29798592	29798882	.	+	0	Parent=TraesCSU01G032900.1
chrUn	IWGSC_March2017	three_prime_UTR	29798883	29799033	.	+	.	Parent=TraesCSU01G032900.1
chr4B	IWGSC_March2017	mRNA	667859023	667859307	48	-	.	ID=TraesCS4B01G393400.1;Parent=TraesCS4B01G393400;primconf=HC;secconf=HC1
chr4B	IWGSC_March2017	exon	667859023	667859307	.	-	.	Parent=TraesCS4B01G393400.1
chr4B	IWGSC_March2017	CDS	667859023	667859307	.	-	0	Parent=TraesCS4B01G393400.1
chrUn	IWGSC_March2017	mRNA	29789284	29789571	47	+	.	ID=TraesCSU01G032800.1;Parent=TraesCSU01G032800;primconf=HC;secconf=HC1
chrUn	IWGSC_March2017	exon	29789284	29789571	.	+	.	Parent=TraesCSU01G032800.1
chrUn	IWGSC_March2017	CDS	29789284	29789571	.	+	0	Parent=TraesCSU01G032800.1
chr3B	IWGSC_March2017	mRNA	9427199	9427495	41	-	.	ID=TraesCS3B01G022200.1;Parent=TraesCS3B01G022200;primconf=HC;secconf=HC2
chr3B	IWGSC_March2017	exon	9427199	9427495	.	-	.	Parent=TraesCS3B01G022200.1
chr3B	IWGSC_March2017	CDS	9427199	9427495	.	-	0	Parent=TraesCS3B01G022200.1
chr3D	IWGSC_March2017	mRNA	7430150	7430404	40	-	.	ID=TraesCS3D01G023400.1;Parent=TraesCS3D01G023400;primconf=HC;secconf=HC2
chr3D	IWGSC_March2017	exon	7430150	7430404	.	-	.	Parent=TraesCS3D01G023400.1
chr3D	IWGSC_March2017	CDS	7430150	7430404	.	-	0	Parent=TraesCS3D01G023400.1
chr1A	IWGSC_March2017	mRNA	313161875	313162132	51	-	.	ID=TraesCS1A01G175200.1;Parent=TraesCS1A01G175200;primconf=HC;secconf=HC2
chr1A	IWGSC_March2017	exon	313161875	313162132	.	-	.	Parent=TraesCS1A01G175200.1
chr1A	IWGSC_March2017	CDS	313161875	313162132	.	-	0	Parent=TraesCS1A01G175200.1

chr1B	IWGSC_March2017	mRNA	339364373	339364648	51	-	.	ID=TraesCS1B01G189400.1;Parent=TraesCS1B01G189400;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	339364373	339364648	.	-	.	Parent=TraesCS1B01G189400.1
chr1B	IWGSC_March2017	CDS	339364373	339364648	.	-	0	Parent=TraesCS1B01G189400.1
chr1D	IWGSC_March2017	mRNA	234528369	234528644	51	+	.	ID=TraesCS1D01G163900.1;Parent=TraesCS1D01G163900;primconf=HC;secconf=HC2
chr1D	IWGSC_March2017	exon	234528369	234528644	.	+	.	Parent=TraesCS1D01G163900.1
chr1D	IWGSC_March2017	CDS	234528369	234528644	.	+	0	Parent=TraesCS1D01G163900.1
chr1A	IWGSC_March2017	mRNA	313006783	313007070	47	-	.	ID=TraesCS1A01G175100.1;Parent=TraesCS1A01G175100;primconf=HC;secconf=HC2
chr1A	IWGSC_March2017	exon	313006783	313007070	.	-	.	Parent=TraesCS1A01G175100.1
chr1A	IWGSC_March2017	CDS	313006783	313007070	.	-	0	Parent=TraesCS1A01G175100.1
chr1B	IWGSC_March2017	mRNA	338430229	338430516	45	-	.	ID=TraesCS1B01G188600.1;Parent=TraesCS1B01G188600;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	338430229	338430516	.	-	.	Parent=TraesCS1B01G188600.1
chr1B	IWGSC_March2017	CDS	338430229	338430516	.	-	0	Parent=TraesCS1B01G188600.1
chr1B	IWGSC_March2017	mRNA	340367218	340367505	47	+	.	ID=TraesCS1B01G189600.1;Parent=TraesCS1B01G189600;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	340367218	340367505	.	+	.	Parent=TraesCS1B01G189600.1
chr1B	IWGSC_March2017	CDS	340367218	340367505	.	+	0	Parent=TraesCS1B01G189600.1
chr1D	IWGSC_March2017	mRNA	234656387	234656674	47	+	.	ID=TraesCS1D01G164000.1;Parent=TraesCS1D01G164000;primconf=HC;secconf=HC2
chr1D	IWGSC_March2017	exon	234656387	234656674	.	+	.	Parent=TraesCS1D01G164000.1
chr1D	IWGSC_March2017	CDS	234656387	234656674	.	+	0	Parent=TraesCS1D01G164000.1
chr2B	IWGSC_March2017	mRNA	732839527	732839826	40	-	.	ID=TraesCS2B01G537400.1;Parent=TraesCS2B01G537400;primconf=HC;secconf=HC1
chr2B	IWGSC_March2017	exon	732839527	732839826	.	-	.	Parent=TraesCS2B01G537400.1
chr2B	IWGSC_March2017	CDS	732839527	732839826	.	-	0	Parent=TraesCS2B01G537400.1
chr2D	IWGSC_March2017	mRNA	602635785	602636087	40	-	.	ID=TraesCS2D01G510800.1;Parent=TraesCS2D01G510800;primconf=HC;secconf=HC1
chr2D	IWGSC_March2017	exon	602635785	602636087	.	-	.	Parent=TraesCS2D01G510800.1
chr2D	IWGSC_March2017	CDS	602635785	602636087	.	-	0	Parent=TraesCS2D01G510800.1
chr2D	IWGSC_March2017	mRNA	618868170	618868481	43	-	.	ID=TraesCS2D01G536300.1;Parent=TraesCS2D01G536300;primconf=HC;secconf=HC1
chr2D	IWGSC_March2017	exon	618868170	618868481	.	-	.	Parent=TraesCS2D01G536300.1
chr2D	IWGSC_March2017	CDS	618868170	618868481	.	-	0	Parent=TraesCS2D01G536300.1
chr2A	IWGSC_March2017	mRNA	749854975	749855417	50	-	.	ID=TraesCS2A01G534000.1;Parent=TraesCS2A01G534000;primconf=HC;secconf=HC1
chr2A	IWGSC_March2017	exon	749854975	749855417	.	-	.	Parent=TraesCS2A01G534000.1
chr2A	IWGSC_March2017	three_prime_UTR	749854975	749855015	.	-	.	Parent=TraesCS2A01G534000.1
chr2A	IWGSC_March2017	CDS	749855016	749855327	.	-	0	Parent=TraesCS2A01G534000.1
chr2A	IWGSC_March2017	five_prime_UTR	749855328	749855417	.	-	.	Parent=TraesCS2A01G534000.1
chr2B	IWGSC_March2017	mRNA	756156728	756157167	50	-	.	ID=TraesCS2B01G564300.1;Parent=TraesCS2B01G564300;primconf=HC;secconf=HC2
chr2B	IWGSC_March2017	exon	756156728	756157167	.	-	.	Parent=TraesCS2B01G564300.1

chr2B	IWGSC_March2017	three_prime_UTR	756156728	756156763	.	-	.	Parent=TraesCS2B01G564300.1
chr2B	IWGSC_March2017	CDS	756156764	756157078	.	-	0	Parent=TraesCS2B01G564300.1
chr2B	IWGSC_March2017	five_prime_UTR	756157079	756157167	.	-	.	Parent=TraesCS2B01G564300.1
chr3B	IWGSC_March2017	mRNA	473691569	473691859	41	+	.	ID=TraesCS3B01G294800.1;Parent=TraesCS3B01G294800;primconf=HC;secconf=HC2
chr3B	IWGSC_March2017	exon	473691569	473691859	.	+	.	Parent=TraesCS3B01G294800.1
chr3B	IWGSC_March2017	CDS	473691569	473691859	.	+	0	Parent=TraesCS3B01G294800.1
chr3A	IWGSC_March2017	mRNA	484634127	484634414	45	+	.	ID=TraesCS3A01G261600.1;Parent=TraesCS3A01G261600;primconf=HC;secconf=HC2
chr3A	IWGSC_March2017	exon	484634127	484634414	.	+	.	Parent=TraesCS3A01G261600.1
chr3A	IWGSC_March2017	CDS	484634127	484634414	.	+	0	Parent=TraesCS3A01G261600.1
chr3D	IWGSC_March2017	mRNA	363593703	363593990	41	+	.	ID=TraesCS3D01G261600.1;Parent=TraesCS3D01G261600;primconf=HC;secconf=HC2
chr3D	IWGSC_March2017	exon	363593703	363593990	.	+	.	Parent=TraesCS3D01G261600.1
chr3D	IWGSC_March2017	CDS	363593703	363593990	.	+	0	Parent=TraesCS3D01G261600.1
chr1B	IWGSC_March2017	mRNA	626601013	626601303	47	+	.	ID=TraesCS1B01G394500.1;Parent=TraesCS1B01G394500;primconf=HC;secconf=HC1
chr1B	IWGSC_March2017	exon	626601013	626601303	.	+	.	Parent=TraesCS1B01G394500.1
chr1B	IWGSC_March2017	CDS	626601013	626601303	.	+	0	Parent=TraesCS1B01G394500.1
chr1A	IWGSC_March2017	mRNA	549666495	549666785	52	+	.	ID=TraesCS1A01G374300.1;Parent=TraesCS1A01G374300;primconf=HC;secconf=HC1
chr1A	IWGSC_March2017	exon	549666495	549666785	.	+	.	Parent=TraesCS1A01G374300.1
chr1A	IWGSC_March2017	CDS	549666495	549666785	.	+	0	Parent=TraesCS1A01G374300.1
chr1D	IWGSC_March2017	mRNA	456199792	456200082	46	+	.	ID=TraesCS1D01G381100.1;Parent=TraesCS1D01G381100;primconf=HC;secconf=HC1
chr1D	IWGSC_March2017	exon	456199792	456200082	.	+	.	Parent=TraesCS1D01G381100.1
chr1D	IWGSC_March2017	CDS	456199792	456200082	.	+	0	Parent=TraesCS1D01G381100.1
chr1A	IWGSC_March2017	mRNA	549637965	549638255	52	+	.	ID=TraesCS1A01G374200.1;Parent=TraesCS1A01G374200;primconf=HC;secconf=HC1
chr1A	IWGSC_March2017	exon	549637965	549638255	.	+	.	Parent=TraesCS1A01G374200.1
chr1A	IWGSC_March2017	CDS	549637965	549638255	.	+	0	Parent=TraesCS1A01G374200.1
chr1D	IWGSC_March2017	mRNA	456132352	456133197	55	+	.	ID=TraesCS1D01G380800.1;Parent=TraesCS1D01G380800;primconf=HC;secconf=HC1
chr1D	IWGSC_March2017	exon	456132352	456133197	.	+	.	Parent=TraesCS1D01G380800.1
chr1D	IWGSC_March2017	five_prime_UTR	456132352	456132462	.	+	.	Parent=TraesCS1D01G380800.1
chr1D	IWGSC_March2017	CDS	456132463	456132753	.	+	0	Parent=TraesCS1D01G380800.1
chr1D	IWGSC_March2017	three_prime_UTR	456132754	456133197	.	+	.	Parent=TraesCS1D01G380800.1
chr1B	IWGSC_March2017	mRNA	626506996	626507286	47	-	.	ID=TraesCS1B01G394100.1;Parent=TraesCS1B01G394100;primconf=HC;secconf=HC1
chr1B	IWGSC_March2017	exon	626506996	626507286	.	-	.	Parent=TraesCS1B01G394100.1
chr1B	IWGSC_March2017	CDS	626506996	626507286	.	-	0	Parent=TraesCS1B01G394100.1
chr1B	IWGSC_March2017	mRNA	626595085	626595375	47	+	.	ID=TraesCS1B01G394400.1;Parent=TraesCS1B01G394400;primconf=HC;secconf=HC1
chr1B	IWGSC_March2017	exon	626595085	626595375	.	+	.	Parent=TraesCS1B01G394400.1

chr1B	IWGSC_March2017	CDS	626595085	626595375	.	+	0	Parent=TraesCS1B01G394400.1
chr1B	IWGSC_March2017	mRNA	626610162	626610596	42	+	.	ID=TraesCS1B01G394600.1;Parent=TraesCS1B01G394600;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	626610162	626610596	.	+	.	Parent=TraesCS1B01G394600.1
chr1B	IWGSC_March2017	CDS	626610162	626610596	.	+	0	Parent=TraesCS1B01G394600.1
chr1A	IWGSC_March2017	mRNA	549670550	549671049	56	+	.	ID=TraesCS1A01G374400.1;Parent=TraesCS1A01G374400;primconf=HC;secconf=HC2
chr1A	IWGSC_March2017	exon	549670550	549671049	.	+	.	Parent=TraesCS1A01G374400.1
chr1A	IWGSC_March2017	five_prime_UTR	549670550	549670653	.	+	.	Parent=TraesCS1A01G374400.1
chr1A	IWGSC_March2017	CDS	549670654	549670950	.	+	0	Parent=TraesCS1A01G374400.1
chr1A	IWGSC_March2017	three_prime_UTR	549670951	549671049	.	+	.	Parent=TraesCS1A01G374400.1
chr1A	IWGSC_March2017	mRNA	549695442	549695735	46	+	.	ID=TraesCS1A01G374500.1;Parent=TraesCS1A01G374500;primconf=HC;secconf=HC2
chr1A	IWGSC_March2017	exon	549695442	549695735	.	+	.	Parent=TraesCS1A01G374500.1
chr1A	IWGSC_March2017	CDS	549695442	549695735	.	+	0	Parent=TraesCS1A01G374500.1
chr1B	IWGSC_March2017	mRNA	626649118	626649411	45	+	.	ID=TraesCS1B01G394700.1;Parent=TraesCS1B01G394700;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	626649118	626649411	.	+	.	Parent=TraesCS1B01G394700.1
chr1B	IWGSC_March2017	CDS	626649118	626649411	.	+	0	Parent=TraesCS1B01G394700.1
chr1D	IWGSC_March2017	mRNA	456203134	456203430	51	+	.	ID=TraesCS1D01G381200.1;Parent=TraesCS1D01G381200;primconf=HC;secconf=HC2
chr1D	IWGSC_March2017	exon	456203134	456203430	.	+	.	Parent=TraesCS1D01G381200.1
chr1D	IWGSC_March2017	CDS	456203134	456203430	.	+	0	Parent=TraesCS1D01G381200.1
chr1D	IWGSC_March2017	mRNA	456251729	456252025	46	+	.	ID=TraesCS1D01G381300.1;Parent=TraesCS1D01G381300;primconf=HC;secconf=HC1
chr1D	IWGSC_March2017	exon	456251729	456252025	.	+	.	Parent=TraesCS1D01G381300.1
chr1D	IWGSC_March2017	CDS	456251729	456252025	.	+	0	Parent=TraesCS1D01G381300.1
chr1D	IWGSC_March2017	mRNA	457033363	457033659	41	+	.	ID=TraesCS1D01G381600.1;Parent=TraesCS1D01G381600;primconf=HC;secconf=HC2
chr1D	IWGSC_March2017	exon	457033363	457033659	.	+	.	Parent=TraesCS1D01G381600.1
chr1D	IWGSC_March2017	CDS	457033363	457033659	.	+	0	Parent=TraesCS1D01G381600.1
chr5D	IWGSC_March2017	mRNA	412360925	412361358	36	+	.	ID=TraesCS5D01G319800.1;Parent=TraesCS5D01G319800;primconf=HC;secconf=HC1
chr5D	IWGSC_March2017	exon	412360925	412361228	.	+	.	Parent=TraesCS5D01G319800.1
chr5D	IWGSC_March2017	CDS	412360925	412361228	.	+	0	Parent=TraesCS5D01G319800.1
chr5D	IWGSC_March2017	exon	412361354	412361358	.	+	.	Parent=TraesCS5D01G319800.1
chr5D	IWGSC_March2017	CDS	412361354	412361358	.	+	2	Parent=TraesCS5D01G319800.1
chr5A	IWGSC_March2017	mRNA	524240635	524241067	45	+	.	ID=TraesCS5A01G313100.1;Parent=TraesCS5A01G313100;primconf=HC;secconf=HC1
chr5A	IWGSC_March2017	exon	524240635	524240941	.	+	.	Parent=TraesCS5A01G313100.1
chr5A	IWGSC_March2017	CDS	524240635	524240941	.	+	0	Parent=TraesCS5A01G313100.1
chr5A	IWGSC_March2017	exon	524241063	524241067	.	+	.	Parent=TraesCS5A01G313100.1
chr5A	IWGSC_March2017	CDS	524241063	524241067	.	+	2	Parent=TraesCS5A01G313100.1

chr5B	IWGSC_March2017	mRNA	496521936	496522271	42	+	.	ID=TraesCS5B01G314000.1;Parent=TraesCS5B01G314000;primconf=HC;seconf=HC2
chr5B	IWGSC_March2017	exon	496521936	496522271	.	+	.	Parent=TraesCS5B01G314000.1
chr5B	IWGSC_March2017	CDS	496521936	496522271	.	+	0	Parent=TraesCS5B01G314000.1
chr7D	IWGSC_March2017	mRNA	255968998	255969556	35	+	.	ID=TraesCS7D01G270200.1;Parent=TraesCS7D01G270200;primconf=HC;seconf=HC2
chr7D	IWGSC_March2017	exon	255968998	255969424	.	+	.	Parent=TraesCS7D01G270200.1
chr7D	IWGSC_March2017	CDS	255968998	255969424	.	+	0	Parent=TraesCS7D01G270200.1
chr7D	IWGSC_March2017	exon	255969549	255969556	.	+	.	Parent=TraesCS7D01G270200.1
chr7D	IWGSC_March2017	CDS	255969549	255969556	.	+	2	Parent=TraesCS7D01G270200.1
chr7A	IWGSC_March2017	mRNA	275916291	275916705	36	+	.	ID=TraesCS7A01G269700.1;Parent=TraesCS7A01G269700;primconf=HC;seconf=HC1
chr7A	IWGSC_March2017	exon	275916291	275916570	.	+	.	Parent=TraesCS7A01G269700.1
chr7A	IWGSC_March2017	CDS	275916291	275916570	.	+	0	Parent=TraesCS7A01G269700.1
chr7A	IWGSC_March2017	exon	275916698	275916705	.	+	.	Parent=TraesCS7A01G269700.1
chr7A	IWGSC_March2017	CDS	275916698	275916705	.	+	2	Parent=TraesCS7A01G269700.1
chr7B	IWGSC_March2017	mRNA	234590456	234590876	36	+	.	ID=TraesCS7B01G167900.1;Parent=TraesCS7B01G167900;primconf=HC;seconf=HC1
chr7B	IWGSC_March2017	exon	234590456	234590735	.	+	.	Parent=TraesCS7B01G167900.1
chr7B	IWGSC_March2017	CDS	234590456	234590735	.	+	0	Parent=TraesCS7B01G167900.1
chr7B	IWGSC_March2017	exon	234590869	234590876	.	+	.	Parent=TraesCS7B01G167900.1
chr7B	IWGSC_March2017	CDS	234590869	234590876	.	+	2	Parent=TraesCS7B01G167900.1
chr2B	IWGSC_March2017	mRNA	654681164	654681481	47	-	.	ID=TraesCS2B01G460900.1;Parent=TraesCS2B01G460900;primconf=HC;seconf=HC2
chr2B	IWGSC_March2017	exon	654681164	654681481	.	-	.	Parent=TraesCS2B01G460900.1
chr2B	IWGSC_March2017	CDS	654681164	654681481	.	-	0	Parent=TraesCS2B01G460900.1
chr2B	IWGSC_March2017	mRNA	654652893	654653210	46	-	.	ID=TraesCS2B01G460800.1;Parent=TraesCS2B01G460800;primconf=HC;seconf=HC2
chr2B	IWGSC_March2017	exon	654652893	654653210	.	-	.	Parent=TraesCS2B01G460800.1
chr2B	IWGSC_March2017	CDS	654652893	654653210	.	-	0	Parent=TraesCS2B01G460800.1
chr2B	IWGSC_March2017	mRNA	654702996	654703313	46	-	.	ID=TraesCS2B01G461100.1;Parent=TraesCS2B01G461100;primconf=HC;seconf=HC2
chr2B	IWGSC_March2017	exon	654702996	654703313	.	-	.	Parent=TraesCS2B01G461100.1
chr2B	IWGSC_March2017	CDS	654702996	654703313	.	-	0	Parent=TraesCS2B01G461100.1
chrUn	IWGSC_March2017	mRNA	248126327	248126644	52	-	.	ID=TraesCSU01G169000.1;Parent=TraesCSU01G169000;primconf=HC;seconf=HC2
chrUn	IWGSC_March2017	exon	248126327	248126644	.	-	.	Parent=TraesCSU01G169000.1
chrUn	IWGSC_March2017	CDS	248126327	248126644	.	-	0	Parent=TraesCSU01G169000.1
chr2A	IWGSC_March2017	mRNA	691116103	691116420	52	+	.	ID=TraesCS2A01G440300.1;Parent=TraesCS2A01G440300;primconf=HC;seconf=HC2
chr2A	IWGSC_March2017	exon	691116103	691116420	.	+	.	Parent=TraesCS2A01G440300.1
chr2A	IWGSC_March2017	CDS	691116103	691116420	.	+	0	Parent=TraesCS2A01G440300.1
chr2D	IWGSC_March2017	mRNA	547806114	547806431	43	-	.	ID=TraesCS2D01G438400.1;Parent=TraesCS2D01G438400;primconf=HC;seconf=HC2

chr2D	IWGSC_March2017	exon	547806114	547806431	.	-	.	Parent=TraesCS2D01G438400.1
chr2D	IWGSC_March2017	CDS	547806114	547806431	.	-	0	Parent=TraesCS2D01G438400.1
chr2D	IWGSC_March2017	mRNA	547951551	547951868	42	-	.	ID=TraesCS2D01G438500.1;Parent=TraesCS2D01G438500;primconf=HC;seconf=HC2
chr2D	IWGSC_March2017	exon	547951551	547951868	.	-	.	Parent=TraesCS2D01G438500.1
chr2D	IWGSC_March2017	CDS	547951551	547951868	.	-	0	Parent=TraesCS2D01G438500.1
chr2A	IWGSC_March2017	mRNA	691169089	691169406	48	+	.	ID=TraesCS2A01G440600.1;Parent=TraesCS2A01G440600;primconf=HC;seconf=HC2
chr2A	IWGSC_March2017	exon	691169089	691169406	.	+	.	Parent=TraesCS2A01G440600.1
chr2A	IWGSC_March2017	CDS	691169089	691169406	.	+	0	Parent=TraesCS2A01G440600.1
chr2D	IWGSC_March2017	mRNA	547774709	547775026	52	-	.	ID=TraesCS2D01G438200.1;Parent=TraesCS2D01G438200;primconf=HC;seconf=HC2
chr2D	IWGSC_March2017	exon	547774709	547775026	.	-	.	Parent=TraesCS2D01G438200.1
chr2D	IWGSC_March2017	CDS	547774709	547775026	.	-	0	Parent=TraesCS2D01G438200.1
chr2B	IWGSC_March2017	mRNA	654545867	654546184	52	-	.	ID=TraesCS2B01G460500.1;Parent=TraesCS2B01G460500;primconf=HC;seconf=HC2
chr2B	IWGSC_March2017	exon	654545867	654546184	.	-	.	Parent=TraesCS2B01G460500.1
chr2B	IWGSC_March2017	CDS	654545867	654546184	.	-	0	Parent=TraesCS2B01G460500.1
chr2B	IWGSC_March2017	mRNA	654699039	654699314	41	-	.	ID=TraesCS2B01G461000.1;Parent=TraesCS2B01G461000;primconf=HC;seconf=HC2
chr2B	IWGSC_March2017	exon	654699039	654699314	.	-	.	Parent=TraesCS2B01G461000.1
chr2B	IWGSC_March2017	CDS	654699039	654699314	.	-	0	Parent=TraesCS2B01G461000.1
chr2B	IWGSC_March2017	mRNA	654648916	654649233	52	-	.	ID=TraesCS2B01G460700.1;Parent=TraesCS2B01G460700;primconf=HC;seconf=HC2
chr2B	IWGSC_March2017	exon	654648916	654649233	.	-	.	Parent=TraesCS2B01G460700.1
chr2B	IWGSC_March2017	CDS	654648916	654649233	.	-	0	Parent=TraesCS2B01G460700.1
chrUn	IWGSC_March2017	mRNA	248122351	248122668	52	-	.	ID=TraesCSU01G168900.1;Parent=TraesCSU01G168900;primconf=HC;seconf=HC2
chrUn	IWGSC_March2017	exon	248122351	248122668	.	-	.	Parent=TraesCSU01G168900.1
chrUn	IWGSC_March2017	CDS	248122351	248122668	.	-	0	Parent=TraesCSU01G168900.1
chr2D	IWGSC_March2017	mRNA	547790937	547791254	52	-	.	ID=TraesCS2D01G438300.1;Parent=TraesCS2D01G438300;primconf=HC;seconf=HC2
chr2D	IWGSC_March2017	exon	547790937	547791254	.	-	.	Parent=TraesCS2D01G438300.1
chr2D	IWGSC_March2017	CDS	547790937	547791254	.	-	0	Parent=TraesCS2D01G438300.1
chrUn	IWGSC_March2017	mRNA	281905703	281906020	52	+	.	ID=TraesCSU01G187200.1;Parent=TraesCSU01G187200;primconf=HC;seconf=HC2
chrUn	IWGSC_March2017	exon	281905703	281906020	.	+	.	Parent=TraesCSU01G187200.1
chrUn	IWGSC_March2017	CDS	281905703	281906020	.	+	0	Parent=TraesCSU01G187200.1
chr2A	IWGSC_March2017	mRNA	691119884	691120745	33	+	.	ID=TraesCS2A01G440400.1;Parent=TraesCS2A01G440400;primconf=HC;seconf=HC2
chr2A	IWGSC_March2017	exon	691119884	691120033	.	+	.	Parent=TraesCS2A01G440400.1
chr2A	IWGSC_March2017	five_prime_UTR	691119884	691119963	.	+	.	Parent=TraesCS2A01G440400.1
chr2A	IWGSC_March2017	CDS	691119964	691120033	.	+	0	Parent=TraesCS2A01G440400.1
chr2A	IWGSC_March2017	exon	691120097	691120745	.	+	.	Parent=TraesCS2A01G440400.1

chr2A	IWGSC_March2017	CDS	691120097	691120281	.	+	2	Parent=TraesCS2A01G440400.1
chr2A	IWGSC_March2017	three_prime_UTR	691120282	691120745	.	+	.	Parent=TraesCS2A01G440400.1
chr2A	IWGSC_March2017	mRNA	691140275	691140592	52	+	.	ID=TraesCS2A01G440500.1;Parent=TraesCS2A01G440500;primconf=HC;secconf=HC2
chr2A	IWGSC_March2017	exon	691140275	691140592	.	+	.	Parent=TraesCS2A01G440500.1
chr2A	IWGSC_March2017	CDS	691140275	691140592	.	+	0	Parent=TraesCS2A01G440500.1
chr2B	IWGSC_March2017	mRNA	654527414	654528049	40	-	.	ID=TraesCS2B01G460400.1;Parent=TraesCS2B01G460400;primconf=HC;secconf=HC2
chr2B	IWGSC_March2017	exon	654527414	654528049	.	-	.	Parent=TraesCS2B01G460400.1
chr2B	IWGSC_March2017	three_prime_UTR	654527414	654527618	.	-	.	Parent=TraesCS2B01G460400.1
chr2B	IWGSC_March2017	CDS	654527619	654527936	.	-	0	Parent=TraesCS2B01G460400.1
chr2B	IWGSC_March2017	five_prime_UTR	654527937	654528049	.	-	.	Parent=TraesCS2B01G460400.1
chr2B	IWGSC_March2017	mRNA	654588167	654588484	35	-	.	ID=TraesCS2B01G460600.1;Parent=TraesCS2B01G460600;primconf=HC;secconf=HC2
chr2B	IWGSC_March2017	exon	654588167	654588484	.	-	.	Parent=TraesCS2B01G460600.1
chr2B	IWGSC_March2017	CDS	654588167	654588484	.	-	0	Parent=TraesCS2B01G460600.1
chr5D	IWGSC_March2017	mRNA	84185677	84185994	47	+	.	ID=TraesCS5D01G082200.1;Parent=TraesCS5D01G082200;primconf=HC;secconf=HC2
chr5D	IWGSC_March2017	exon	84185677	84185994	.	+	.	Parent=TraesCS5D01G082200.1
chr5D	IWGSC_March2017	CDS	84185677	84185994	.	+	0	Parent=TraesCS5D01G082200.1
chr5A	IWGSC_March2017	mRNA	78480627	78480944	46	+	.	ID=TraesCS5A01G070400.1;Parent=TraesCS5A01G070400;primconf=HC;secconf=HC2
chr5A	IWGSC_March2017	exon	78480627	78480944	.	+	.	Parent=TraesCS5A01G070400.1
chr5A	IWGSC_March2017	CDS	78480627	78480944	.	+	0	Parent=TraesCS5A01G070400.1
chr5B	IWGSC_March2017	mRNA	91112112	91112429	52	+	.	ID=TraesCS5B01G076200.1;Parent=TraesCS5B01G076200;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	91112112	91112429	.	+	.	Parent=TraesCS5B01G076200.1
chr5B	IWGSC_March2017	CDS	91112112	91112429	.	+	0	Parent=TraesCS5B01G076200.1
chr5A	IWGSC_March2017	mRNA	78474456	78474773	52	+	.	ID=TraesCS5A01G070300.1;Parent=TraesCS5A01G070300;primconf=HC;secconf=HC2
chr5A	IWGSC_March2017	exon	78474456	78474773	.	+	.	Parent=TraesCS5A01G070300.1
chr5A	IWGSC_March2017	CDS	78474456	78474773	.	+	0	Parent=TraesCS5A01G070300.1
chr5B	IWGSC_March2017	mRNA	91108881	91109198	52	+	.	ID=TraesCS5B01G076100.1;Parent=TraesCS5B01G076100;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	91108881	91109198	.	+	.	Parent=TraesCS5B01G076100.1
chr5B	IWGSC_March2017	CDS	91108881	91109198	.	+	0	Parent=TraesCS5B01G076100.1
chr5D	IWGSC_March2017	mRNA	84178231	84178994	28	+	.	ID=TraesCS5D01G082100.1;Parent=TraesCS5D01G082100;primconf=HC;secconf=HC2
chr5D	IWGSC_March2017	exon	84178231	84178994	.	+	.	Parent=TraesCS5D01G082100.1
chr5D	IWGSC_March2017	five_prime_UTR	84178231	84178272	.	+	.	Parent=TraesCS5D01G082100.1
chr5D	IWGSC_March2017	CDS	84178273	84178611	.	+	0	Parent=TraesCS5D01G082100.1
chr5D	IWGSC_March2017	three_prime_UTR	84178612	84178994	.	+	.	Parent=TraesCS5D01G082100.1
chr5A	IWGSC_March2017	mRNA	78368981	78369310	46	+	.	ID=TraesCS5A01G070000.1;Parent=TraesCS5A01G070000;primconf=HC;secconf=HC2

chr5A	IWGSC_March2017	exon	78368981	78369310	.	+	.	Parent=TraesCS5A01G070000.1
chr5A	IWGSC_March2017	CDS	78368981	78369310	.	+	0	Parent=TraesCS5A01G070000.1
chr5B	IWGSC_March2017	mRNA	90988258	90989153	55	+	.	ID=TraesCS5B01G076000.1;Parent=TraesCS5B01G076000;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	90988258	90989153	.	+	.	Parent=TraesCS5B01G076000.1
chr5B	IWGSC_March2017	five_prime_UTR	90988258	90988333	.	+	.	Parent=TraesCS5B01G076000.1
chr5B	IWGSC_March2017	CDS	90988334	90988651	.	+	0	Parent=TraesCS5B01G076000.1
chr5B	IWGSC_March2017	three_prime_UTR	90988652	90989153	.	+	.	Parent=TraesCS5B01G076000.1
chr7A	IWGSC_March2017	mRNA	81607073	81607384	46	-	.	ID=TraesCS7A01G126800.1;Parent=TraesCS7A01G126800;primconf=HC;secconf=HC2
chr7A	IWGSC_March2017	exon	81607073	81607384	.	-	.	Parent=TraesCS7A01G126800.1
chr7A	IWGSC_March2017	CDS	81607073	81607384	.	-	0	Parent=TraesCS7A01G126800.1
chr7B	IWGSC_March2017	mRNA	25403834	25404145	47	-	.	ID=TraesCS7B01G026200.1;Parent=TraesCS7B01G026200;primconf=HC;secconf=HC2
chr7B	IWGSC_March2017	exon	25403834	25404145	.	-	.	Parent=TraesCS7B01G026200.1
chr7B	IWGSC_March2017	CDS	25403834	25404145	.	-	0	Parent=TraesCS7B01G026200.1
chr4B	IWGSC_March2017	mRNA	613905713	613906024	52	+	.	ID=TraesCS4B01G323400.1;Parent=TraesCS4B01G323400;primconf=HC;secconf=HC2
chr4B	IWGSC_March2017	exon	613905713	613906024	.	+	.	Parent=TraesCS4B01G323400.1
chr4B	IWGSC_March2017	CDS	613905713	613906024	.	+	0	Parent=TraesCS4B01G323400.1
chr4D	IWGSC_March2017	mRNA	483179528	483179791	45	-	.	ID=TraesCS4D01G319600.1;Parent=TraesCS4D01G319600;primconf=HC;secconf=HC2
chr4D	IWGSC_March2017	exon	483179528	483179791	.	-	.	Parent=TraesCS4D01G319600.1
chr4D	IWGSC_March2017	CDS	483179528	483179791	.	-	0	Parent=TraesCS4D01G319600.1
chr5A	IWGSC_March2017	mRNA	663375905	663376240	51	-	.	ID=TraesCS5A01G495400.1;Parent=TraesCS5A01G495400;primconf=HC;secconf=HC2
chr5A	IWGSC_March2017	exon	663375905	663376240	.	-	.	Parent=TraesCS5A01G495400.1
chr5A	IWGSC_March2017	CDS	663375905	663376240	.	-	0	Parent=TraesCS5A01G495400.1
chr3B	IWGSC_March2017	mRNA	696672976	696673308	52	+	.	ID=TraesCS3B01G454900.1;Parent=TraesCS3B01G454900;primconf=HC;secconf=HC2
chr3B	IWGSC_March2017	exon	696672976	696673308	.	+	.	Parent=TraesCS3B01G454900.1
chr3B	IWGSC_March2017	CDS	696672976	696673308	.	+	0	Parent=TraesCS3B01G454900.1
chr3D	IWGSC_March2017	mRNA	526995438	526997035	42	+	.	ID=TraesCS3D01G415100.1;Parent=TraesCS3D01G415100;primconf=HC;secconf=HC2
chr3D	IWGSC_March2017	exon	526995438	526997035	.	+	.	Parent=TraesCS3D01G415100.1
chr3D	IWGSC_March2017	five_prime_UTR	526995438	526995506	.	+	.	Parent=TraesCS3D01G415100.1
chr3D	IWGSC_March2017	CDS	526995507	526995842	.	+	0	Parent=TraesCS3D01G415100.1
chr3D	IWGSC_March2017	three_prime_UTR	526995843	526997035	.	+	.	Parent=TraesCS3D01G415100.1
chr3A	IWGSC_March2017	mRNA	661655266	661655586	46	+	.	ID=TraesCS3A01G419700.1;Parent=TraesCS3A01G419700;primconf=HC;secconf=HC2
chr3A	IWGSC_March2017	exon	661655266	661655586	.	+	.	Parent=TraesCS3A01G419700.1
chr3A	IWGSC_March2017	CDS	661655266	661655586	.	+	0	Parent=TraesCS3A01G419700.1
chr3B	IWGSC_March2017	mRNA	696778042	696778713	56	+	.	ID=TraesCS3B01G455100.1;Parent=TraesCS3B01G455100;primconf=HC;secconf=HC2

chr3B	IWGSC_March2017	exon	696778042	696778713	.	+	.	Parent=TraesCS3B01G455100.1
chr3B	IWGSC_March2017	five_prime_UTR	696778042	696778127	.	+	.	Parent=TraesCS3B01G455100.1
chr3B	IWGSC_March2017	CDS	696778128	696778445	.	+	0	Parent=TraesCS3B01G455100.1
chr3B	IWGSC_March2017	three_prime_UTR	696778446	696778713	.	+	.	Parent=TraesCS3B01G455100.1
chr3D	IWGSC_March2017	mRNA	527126682	527127284	46	+	.	ID=TraesCS3D01G415300.1;Parent=TraesCS3D01G415300;primconf=HC;seconf=HC2
chr3D	IWGSC_March2017	exon	527126682	527127284	.	+	.	Parent=TraesCS3D01G415300.1
chr3D	IWGSC_March2017	five_prime_UTR	527126682	527126754	.	+	.	Parent=TraesCS3D01G415300.1
chr3D	IWGSC_March2017	CDS	527126755	527127075	.	+	0	Parent=TraesCS3D01G415300.1
chr3D	IWGSC_March2017	three_prime_UTR	527127076	527127284	.	+	.	Parent=TraesCS3D01G415300.1
chr3A	IWGSC_March2017	mRNA	661787317	661787640	52	+	.	ID=TraesCS3A01G419800.1;Parent=TraesCS3A01G419800;primconf=HC;seconf=HC2
chr3A	IWGSC_March2017	exon	661787317	661787640	.	+	.	Parent=TraesCS3A01G419800.1
chr3A	IWGSC_March2017	CDS	661787317	661787640	.	+	0	Parent=TraesCS3A01G419800.1
chr3B	IWGSC_March2017	mRNA	696787838	696788483	56	-	.	ID=TraesCS3B01G455200.1;Parent=TraesCS3B01G455200;primconf=HC;seconf=HC2
chr3B	IWGSC_March2017	exon	696787838	696788483	.	-	.	Parent=TraesCS3B01G455200.1
chr3B	IWGSC_March2017	three_prime_UTR	696787838	696788088	.	-	.	Parent=TraesCS3B01G455200.1
chr3B	IWGSC_March2017	CDS	696788089	696788403	.	-	0	Parent=TraesCS3B01G455200.1
chr3B	IWGSC_March2017	five_prime_UTR	696788404	696788483	.	-	.	Parent=TraesCS3B01G455200.1
chr3D	IWGSC_March2017	mRNA	527135869	527136536	56	+	.	ID=TraesCS3D01G415400.1;Parent=TraesCS3D01G415400;primconf=HC;seconf=HC2
chr3D	IWGSC_March2017	exon	527135869	527136536	.	+	.	Parent=TraesCS3D01G415400.1
chr3D	IWGSC_March2017	five_prime_UTR	527135869	527135955	.	+	.	Parent=TraesCS3D01G415400.1
chr3D	IWGSC_March2017	CDS	527135956	527136279	.	+	0	Parent=TraesCS3D01G415400.1
chr3D	IWGSC_March2017	three_prime_UTR	527136280	527136536	.	+	.	Parent=TraesCS3D01G415400.1
chr3D	IWGSC_March2017	mRNA	436163683	436164375	45	+	.	ID=TraesCS3D01G323300.1;Parent=TraesCS3D01G323300;primconf=HC;seconf=HC2
chr3D	IWGSC_March2017	exon	436163683	436164084	.	+	.	Parent=TraesCS3D01G323300.1
chr3D	IWGSC_March2017	five_prime_UTR	436163683	436163789	.	+	.	Parent=TraesCS3D01G323300.1
chr3D	IWGSC_March2017	CDS	436163790	436164084	.	+	0	Parent=TraesCS3D01G323300.1
chr3D	IWGSC_March2017	exon	436164177	436164375	.	+	.	Parent=TraesCS3D01G323300.1
chr3D	IWGSC_March2017	CDS	436164177	436164205	.	+	2	Parent=TraesCS3D01G323300.1
chr3D	IWGSC_March2017	three_prime_UTR	436164206	436164375	.	+	.	Parent=TraesCS3D01G323300.1
chr3A	IWGSC_March2017	mRNA	574866319	574866734	45	+	.	ID=TraesCS3A01G329900.1;Parent=TraesCS3A01G329900;primconf=HC;seconf=HC2
chr3A	IWGSC_March2017	exon	574866319	574866613	.	+	.	Parent=TraesCS3A01G329900.1
chr3A	IWGSC_March2017	CDS	574866319	574866613	.	+	0	Parent=TraesCS3A01G329900.1
chr3A	IWGSC_March2017	exon	574866706	574866734	.	+	.	Parent=TraesCS3A01G329900.1
chr3A	IWGSC_March2017	CDS	574866706	574866734	.	+	2	Parent=TraesCS3A01G329900.1

chr3D	IWGSC_March2017	mRNA	436044575	436044990	45	+	.	ID=TraesCS3D01G323200.1;Parent=TraesCS3D01G323200;primconf=HC;secconf=HC2
chr3D	IWGSC_March2017	exon	436044575	436044869	.	+	.	Parent=TraesCS3D01G323200.1
chr3D	IWGSC_March2017	CDS	436044575	436044869	.	+	0	Parent=TraesCS3D01G323200.1
chr3D	IWGSC_March2017	exon	436044962	436044990	.	+	.	Parent=TraesCS3D01G323200.1
chr3D	IWGSC_March2017	CDS	436044962	436044990	.	+	2	Parent=TraesCS3D01G323200.1
chr3B	IWGSC_March2017	mRNA	571811742	571812157	45	+	.	ID=TraesCS3B01G360000.1;Parent=TraesCS3B01G360000;primconf=HC;secconf=HC2
chr3B	IWGSC_March2017	exon	571811742	571812036	.	+	.	Parent=TraesCS3B01G360000.1
chr3B	IWGSC_March2017	CDS	571811742	571812036	.	+	0	Parent=TraesCS3B01G360000.1
chr3B	IWGSC_March2017	exon	571812129	571812157	.	+	.	Parent=TraesCS3B01G360000.1
chr3B	IWGSC_March2017	CDS	571812129	571812157	.	+	2	Parent=TraesCS3B01G360000.1
chr3A	IWGSC_March2017	mRNA	574864267	574864817	36	+	.	ID=TraesCS3A01G329800.1;Parent=TraesCS3A01G329800;primconf=HC;secconf=HC2
chr3A	IWGSC_March2017	exon	574864267	574864645	.	+	.	Parent=TraesCS3A01G329800.1
chr3A	IWGSC_March2017	CDS	574864267	574864645	.	+	0	Parent=TraesCS3A01G329800.1
chr3A	IWGSC_March2017	exon	574864789	574864817	.	+	.	Parent=TraesCS3A01G329800.1
chr3A	IWGSC_March2017	CDS	574864789	574864817	.	+	2	Parent=TraesCS3A01G329800.1
chr3B	IWGSC_March2017	mRNA	571809668	571810254	41	+	.	ID=TraesCS3B01G359900.1;Parent=TraesCS3B01G359900;primconf=HC;secconf=HC2
chr3B	IWGSC_March2017	exon	571809668	571809745	.	+	.	Parent=TraesCS3B01G359900.1
chr3B	IWGSC_March2017	CDS	571809668	571809745	.	+	0	Parent=TraesCS3B01G359900.1
chr3B	IWGSC_March2017	exon	571809800	571810082	.	+	.	Parent=TraesCS3B01G359900.1
chr3B	IWGSC_March2017	CDS	571809800	571810082	.	+	0	Parent=TraesCS3B01G359900.1
chr3B	IWGSC_March2017	exon	571810226	571810254	.	+	.	Parent=TraesCS3B01G359900.1
chr3B	IWGSC_March2017	CDS	571810226	571810254	.	+	2	Parent=TraesCS3B01G359900.1
chr1B	IWGSC_March2017	mRNA	645244411	645244868	45	+	.	ID=TraesCS1B01G421200.1;Parent=TraesCS1B01G421200;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	645244411	645244708	.	+	.	Parent=TraesCS1B01G421200.1
chr1B	IWGSC_March2017	CDS	645244411	645244708	.	+	0	Parent=TraesCS1B01G421200.1
chr1B	IWGSC_March2017	exon	645244843	645244868	.	+	.	Parent=TraesCS1B01G421200.1
chr1B	IWGSC_March2017	CDS	645244843	645244868	.	+	2	Parent=TraesCS1B01G421200.1
chr5A	IWGSC_March2017	mRNA	608950488	608950855	42	+	.	ID=TraesCS5A01G422900.1;Parent=TraesCS5A01G422900;primconf=HC;secconf=HC2
chr5A	IWGSC_March2017	exon	608950488	608950668	.	+	.	Parent=TraesCS5A01G422900.1
chr5A	IWGSC_March2017	CDS	608950488	608950668	.	+	0	Parent=TraesCS5A01G422900.1
chr5A	IWGSC_March2017	exon	608950830	608950855	.	+	.	Parent=TraesCS5A01G422900.1
chr5A	IWGSC_March2017	CDS	608950830	608950855	.	+	2	Parent=TraesCS5A01G422900.1
chr1A	IWGSC_March2017	mRNA	42686184	42686671	40	+	.	ID=TraesCS1A01G062600.1;Parent=TraesCS1A01G062600;primconf=HC;secconf=HC2
chr1A	IWGSC_March2017	exon	42686184	42686481	.	+	.	Parent=TraesCS1A01G062600.1

chr1A	IWGSC_March2017	CDS	42686184	42686481	.	+	0	Parent=TraesCS1A01G062600.1
chr1A	IWGSC_March2017	exon	42686646	42686671	.	+	.	Parent=TraesCS1A01G062600.1
chr1A	IWGSC_March2017	CDS	42686646	42686671	.	+	2	Parent=TraesCS1A01G062600.1
chr1A	IWGSC_March2017	mRNA	43391389	43392155	39	-	.	ID=TraesCS1A01G063200.1;Parent=TraesCS1A01G063200;primconf=HC;secconf=HC2
chr1A	IWGSC_March2017	exon	43391389	43391566	.	-	.	Parent=TraesCS1A01G063200.1
chr1A	IWGSC_March2017	three_prime_UTR	43391389	43391540	.	-	.	Parent=TraesCS1A01G063200.1
chr1A	IWGSC_March2017	CDS	43391541	43391566	.	-	2	Parent=TraesCS1A01G063200.1
chr1A	IWGSC_March2017	exon	43391732	43391905	.	-	.	Parent=TraesCS1A01G063200.1
chr1A	IWGSC_March2017	CDS	43391732	43391905	.	-	2	Parent=TraesCS1A01G063200.1
chr1A	IWGSC_March2017	exon	43391957	43392155	.	-	.	Parent=TraesCS1A01G063200.1
chr1A	IWGSC_March2017	CDS	43391957	43392029	.	-	0	Parent=TraesCS1A01G063200.1
chr1A	IWGSC_March2017	five_prime_UTR	43392030	43392155	.	-	.	Parent=TraesCS1A01G063200.1
chr2A	IWGSC_March2017	mRNA	699555053	699555771	53	-	.	ID=TraesCS2A01G449600.1;Parent=TraesCS2A01G449600;primconf=HC;secconf=HC2
chr2A	IWGSC_March2017	exon	699555053	699555309	.	-	.	Parent=TraesCS2A01G449600.1
chr2A	IWGSC_March2017	three_prime_UTR	699555053	699555268	.	-	.	Parent=TraesCS2A01G449600.1
chr2A	IWGSC_March2017	CDS	699555269	699555309	.	-	2	Parent=TraesCS2A01G449600.1
chr2A	IWGSC_March2017	exon	699555396	699555771	.	-	.	Parent=TraesCS2A01G449600.1
chr2A	IWGSC_March2017	CDS	699555396	699555720	.	-	0	Parent=TraesCS2A01G449600.1
chr2A	IWGSC_March2017	five_prime_UTR	699555721	699555771	.	-	.	Parent=TraesCS2A01G449600.1
chr1A	IWGSC_March2017	mRNA	292077106	292077622	54	+	.	ID=TraesCS1A01G162700.1;Parent=TraesCS1A01G162700;primconf=HC;secconf=HC2
chr1A	IWGSC_March2017	exon	292077106	292077415	.	+	.	Parent=TraesCS1A01G162700.1
chr1A	IWGSC_March2017	CDS	292077106	292077415	.	+	0	Parent=TraesCS1A01G162700.1
chr1A	IWGSC_March2017	exon	292077609	292077622	.	+	.	Parent=TraesCS1A01G162700.1
chr1A	IWGSC_March2017	CDS	292077609	292077622	.	+	2	Parent=TraesCS1A01G162700.1
chr1B	IWGSC_March2017	mRNA	325817764	325818650	48	-	.	ID=TraesCS1B01G179600.1;Parent=TraesCS1B01G179600;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	325817764	325818017	.	-	.	Parent=TraesCS1B01G179600.1
chr1B	IWGSC_March2017	three_prime_UTR	325817764	325818003	.	-	.	Parent=TraesCS1B01G179600.1
chr1B	IWGSC_March2017	CDS	325818004	325818017	.	-	2	Parent=TraesCS1B01G179600.1
chr1B	IWGSC_March2017	exon	325818222	325818650	.	-	.	Parent=TraesCS1B01G179600.1
chr1B	IWGSC_March2017	CDS	325818222	325818534	.	-	0	Parent=TraesCS1B01G179600.1
chr1B	IWGSC_March2017	five_prime_UTR	325818535	325818650	.	-	.	Parent=TraesCS1B01G179600.1
chr1D	IWGSC_March2017	mRNA	225710372	225711182	53	-	.	ID=TraesCS1D01G159700.1;Parent=TraesCS1D01G159700;primconf=HC;secconf=HC2
chr1D	IWGSC_March2017	exon	225710372	225710385	.	-	.	Parent=TraesCS1D01G159700.1
chr1D	IWGSC_March2017	CDS	225710372	225710385	.	-	2	Parent=TraesCS1D01G159700.1

chr1D	IWGSC_March2017	exon	225710591	225711182	.	-	.	Parent=TraesCS1D01G159700.1
chr1D	IWGSC_March2017	CDS	225710591	225711182	.	-	0	Parent=TraesCS1D01G159700.1
chr2A	IWGSC_March2017	mRNA	511095229	511095672	55	+	.	ID=TraesCS2A01G297100.1;Parent=TraesCS2A01G297100;primconf=HC;secconf=HC2
chr2A	IWGSC_March2017	exon	511095229	511095571	.	+	.	Parent=TraesCS2A01G297100.1
chr2A	IWGSC_March2017	CDS	511095229	511095571	.	+	0	Parent=TraesCS2A01G297100.1
chr2A	IWGSC_March2017	exon	511095656	511095672	.	+	.	Parent=TraesCS2A01G297100.1
chr2A	IWGSC_March2017	CDS	511095656	511095672	.	+	2	Parent=TraesCS2A01G297100.1
chr2B	IWGSC_March2017	mRNA	448778246	448778688	61	+	.	ID=TraesCS2B01G313300.1;Parent=TraesCS2B01G313300;primconf=HC;secconf=HC2
chr2B	IWGSC_March2017	exon	448778246	448778588	.	+	.	Parent=TraesCS2B01G313300.1
chr2B	IWGSC_March2017	CDS	448778246	448778588	.	+	0	Parent=TraesCS2B01G313300.1
chr2B	IWGSC_March2017	exon	448778672	448778688	.	+	.	Parent=TraesCS2B01G313300.1
chr2B	IWGSC_March2017	CDS	448778672	448778688	.	+	2	Parent=TraesCS2B01G313300.1
chr2D	IWGSC_March2017	mRNA	377150411	377150853	61	+	.	ID=TraesCS2D01G295000.1;Parent=TraesCS2D01G295000;primconf=HC;secconf=HC2
chr2D	IWGSC_March2017	exon	377150411	377150753	.	+	.	Parent=TraesCS2D01G295000.1
chr2D	IWGSC_March2017	CDS	377150411	377150753	.	+	0	Parent=TraesCS2D01G295000.1
chr2D	IWGSC_March2017	exon	377150837	377150853	.	+	.	Parent=TraesCS2D01G295000.1
chr2D	IWGSC_March2017	CDS	377150837	377150853	.	+	2	Parent=TraesCS2D01G295000.1
chr6B	IWGSC_March2017	mRNA	17036701	17037146	61	-	.	ID=TraesCS6B01G028400.1;Parent=TraesCS6B01G028400;primconf=HC;secconf=HC2
chr6B	IWGSC_March2017	exon	17036701	17036717	.	-	.	Parent=TraesCS6B01G028400.1
chr6B	IWGSC_March2017	CDS	17036701	17036717	.	-	2	Parent=TraesCS6B01G028400.1
chr6B	IWGSC_March2017	exon	17036810	17037146	.	-	.	Parent=TraesCS6B01G028400.1
chr6B	IWGSC_March2017	CDS	17036810	17037146	.	-	0	Parent=TraesCS6B01G028400.1
chr7B	IWGSC_March2017	mRNA	608470232	608470858	55	+	.	ID=TraesCS7B01G351900.1;Parent=TraesCS7B01G351900;primconf=HC;secconf=HC2
chr7B	IWGSC_March2017	exon	608470232	608470656	.	+	.	Parent=TraesCS7B01G351900.1
chr7B	IWGSC_March2017	five_prime_UTR	608470232	608470316	.	+	.	Parent=TraesCS7B01G351900.1
chr7B	IWGSC_March2017	CDS	608470317	608470656	.	+	0	Parent=TraesCS7B01G351900.1
chr7B	IWGSC_March2017	exon	608470766	608470858	.	+	.	Parent=TraesCS7B01G351900.1
chr7B	IWGSC_March2017	CDS	608470766	608470782	.	+	2	Parent=TraesCS7B01G351900.1
chr7B	IWGSC_March2017	three_prime_UTR	608470783	608470858	.	+	.	Parent=TraesCS7B01G351900.1
chr7A	IWGSC_March2017	mRNA	644845604	644846457	55	+	.	ID=TraesCS7A01G452100.1;Parent=TraesCS7A01G452100;primconf=HC;secconf=HC2
chr7A	IWGSC_March2017	exon	644845604	644846032	.	+	.	Parent=TraesCS7A01G452100.1
chr7A	IWGSC_March2017	five_prime_UTR	644845604	644845692	.	+	.	Parent=TraesCS7A01G452100.1
chr7A	IWGSC_March2017	CDS	644845693	644846032	.	+	0	Parent=TraesCS7A01G452100.1
chr7A	IWGSC_March2017	exon	644846234	644846457	.	+	.	Parent=TraesCS7A01G452100.1

chr7A	IWGSC_March2017	CDS	644846234	644846250	.	+	2	Parent=TraesCS7A01G452100.1
chr7A	IWGSC_March2017	three_prime_UTR	644846251	644846457	.	+	.	Parent=TraesCS7A01G452100.1
chr7D	IWGSC_March2017	mRNA	560706657	560707432	52	+	.	ID=TraesCS7D01G441100.1;Parent=TraesCS7D01G441100;primconf=HC;secconf=HC2
chr7D	IWGSC_March2017	exon	560706657	560707088	.	+	.	Parent=TraesCS7D01G441100.1
chr7D	IWGSC_March2017	five_prime_UTR	560706657	560706748	.	+	.	Parent=TraesCS7D01G441100.1
chr7D	IWGSC_March2017	CDS	560706749	560707088	.	+	0	Parent=TraesCS7D01G441100.1
chr7D	IWGSC_March2017	exon	560707204	560707432	.	+	.	Parent=TraesCS7D01G441100.1
chr7D	IWGSC_March2017	CDS	560707204	560707220	.	+	2	Parent=TraesCS7D01G441100.1
chr7D	IWGSC_March2017	three_prime_UTR	560707221	560707432	.	+	.	Parent=TraesCS7D01G441100.1
chr2A	IWGSC_March2017	mRNA	511114764	511115263	56	+	.	ID=TraesCS2A01G297200.1;Parent=TraesCS2A01G297200;primconf=HC;secconf=HC2
chr2A	IWGSC_March2017	exon	511114764	511115106	.	+	.	Parent=TraesCS2A01G297200.1
chr2A	IWGSC_March2017	CDS	511114764	511115106	.	+	0	Parent=TraesCS2A01G297200.1
chr2A	IWGSC_March2017	exon	511115229	511115263	.	+	.	Parent=TraesCS2A01G297200.1
chr2A	IWGSC_March2017	CDS	511115229	511115263	.	+	2	Parent=TraesCS2A01G297200.1
chr2B	IWGSC_March2017	mRNA	448870450	448870945	60	+	.	ID=TraesCS2B01G313400.1;Parent=TraesCS2B01G313400;primconf=HC;secconf=HC2
chr2B	IWGSC_March2017	exon	448870450	448870792	.	+	.	Parent=TraesCS2B01G313400.1
chr2B	IWGSC_March2017	CDS	448870450	448870792	.	+	0	Parent=TraesCS2B01G313400.1
chr2B	IWGSC_March2017	exon	448870911	448870945	.	+	.	Parent=TraesCS2B01G313400.1
chr2B	IWGSC_March2017	CDS	448870911	448870945	.	+	2	Parent=TraesCS2B01G313400.1
chr2D	IWGSC_March2017	mRNA	377156149	377156644	60	+	.	ID=TraesCS2D01G295100.1;Parent=TraesCS2D01G295100;primconf=HC;secconf=HC2
chr2D	IWGSC_March2017	exon	377156149	377156491	.	+	.	Parent=TraesCS2D01G295100.1
chr2D	IWGSC_March2017	CDS	377156149	377156491	.	+	0	Parent=TraesCS2D01G295100.1
chr2D	IWGSC_March2017	exon	377156610	377156644	.	+	.	Parent=TraesCS2D01G295100.1
chr2D	IWGSC_March2017	CDS	377156610	377156644	.	+	2	Parent=TraesCS2D01G295100.1
chr2A	IWGSC_March2017	mRNA	684199222	684199709	33	+	.	ID=TraesCS2A01G430800.1;Parent=TraesCS2A01G430800;primconf=HC;secconf=HC2
chr2A	IWGSC_March2017	exon	684199222	684199531	.	+	.	Parent=TraesCS2A01G430800.1
chr2A	IWGSC_March2017	CDS	684199222	684199531	.	+	0	Parent=TraesCS2A01G430800.1
chr2A	IWGSC_March2017	exon	684199693	684199709	.	+	.	Parent=TraesCS2A01G430800.1
chr2A	IWGSC_March2017	CDS	684199693	684199709	.	+	2	Parent=TraesCS2A01G430800.1
chr2B	IWGSC_March2017	mRNA	646066328	646066819	51	+	.	ID=TraesCS2B01G452100.1;Parent=TraesCS2B01G452100;primconf=HC;secconf=HC2
chr2B	IWGSC_March2017	exon	646066328	646066637	.	+	.	Parent=TraesCS2B01G452100.1
chr2B	IWGSC_March2017	CDS	646066328	646066637	.	+	0	Parent=TraesCS2B01G452100.1
chr2B	IWGSC_March2017	exon	646066803	646066819	.	+	.	Parent=TraesCS2B01G452100.1
chr2B	IWGSC_March2017	CDS	646066803	646066819	.	+	2	Parent=TraesCS2B01G452100.1

chr3A	IWGSC_March2017	mRNA	613171405	613171851	52	-	.	ID=TraesCS3A01G364300.1;Parent=TraesCS3A01G364300;primconf=HC;seconf=HC2
chr3A	IWGSC_March2017	exon	613171405	613171421	.	-	.	Parent=TraesCS3A01G364300.1
chr3A	IWGSC_March2017	CDS	613171405	613171421	.	-	2	Parent=TraesCS3A01G364300.1
chr3A	IWGSC_March2017	exon	613171518	613171851	.	-	.	Parent=TraesCS3A01G364300.1
chr3A	IWGSC_March2017	CDS	613171518	613171851	.	-	0	Parent=TraesCS3A01G364300.1
chr3B	IWGSC_March2017	mRNA	625333029	625333477	52	-	.	ID=TraesCS3B01G396400.1;Parent=TraesCS3B01G396400;primconf=HC;seconf=HC2
chr3B	IWGSC_March2017	exon	625333029	625333045	.	-	.	Parent=TraesCS3B01G396400.1
chr3B	IWGSC_March2017	CDS	625333029	625333045	.	-	2	Parent=TraesCS3B01G396400.1
chr3B	IWGSC_March2017	exon	625333144	625333477	.	-	.	Parent=TraesCS3B01G396400.1
chr3B	IWGSC_March2017	CDS	625333144	625333477	.	-	0	Parent=TraesCS3B01G396400.1
chr3D	IWGSC_March2017	mRNA	470888758	470889215	61	-	.	ID=TraesCS3D01G357700.1;Parent=TraesCS3D01G357700;primconf=HC;seconf=HC2
chr3D	IWGSC_March2017	exon	470888758	470888774	.	-	.	Parent=TraesCS3D01G357700.1
chr3D	IWGSC_March2017	CDS	470888758	470888774	.	-	2	Parent=TraesCS3D01G357700.1
chr3D	IWGSC_March2017	exon	470888882	470889215	.	-	.	Parent=TraesCS3D01G357700.1
chr3D	IWGSC_March2017	CDS	470888882	470889215	.	-	0	Parent=TraesCS3D01G357700.1
chr5B	IWGSC_March2017	mRNA	637158113	637160188	53	+	.	ID=TraesCS5B01G461600.1;Parent=TraesCS5B01G461600;primconf=HC;seconf=HC2
chr5B	IWGSC_March2017	exon	637158113	637158590	.	+	.	Parent=TraesCS5B01G461600.1
chr5B	IWGSC_March2017	five_prime_UTR	637158113	637158253	.	+	.	Parent=TraesCS5B01G461600.1
chr5B	IWGSC_March2017	CDS	637158254	637158590	.	+	0	Parent=TraesCS5B01G461600.1
chr5B	IWGSC_March2017	exon	637158681	637158785	.	+	.	Parent=TraesCS5B01G461600.1
chr5B	IWGSC_March2017	CDS	637158681	637158785	.	+	2	Parent=TraesCS5B01G461600.1
chr5B	IWGSC_March2017	exon	637159705	637160188	.	+	.	Parent=TraesCS5B01G461600.1
chr5B	IWGSC_March2017	CDS	637159705	637159814	.	+	2	Parent=TraesCS5B01G461600.1
chr5B	IWGSC_March2017	three_prime_UTR	637159815	637160188	.	+	.	Parent=TraesCS5B01G461600.1
chr5D	IWGSC_March2017	mRNA	506290475	506292167	50	+	.	ID=TraesCS5D01G463100.1;Parent=TraesCS5D01G463100;primconf=HC;seconf=HC2
chr5D	IWGSC_March2017	exon	506290475	506290820	.	+	.	Parent=TraesCS5D01G463100.1
chr5D	IWGSC_March2017	CDS	506290475	506290820	.	+	0	Parent=TraesCS5D01G463100.1
chr5D	IWGSC_March2017	exon	506290899	506291000	.	+	.	Parent=TraesCS5D01G463100.1
chr5D	IWGSC_March2017	CDS	506290899	506291000	.	+	2	Parent=TraesCS5D01G463100.1
chr5D	IWGSC_March2017	exon	506292058	506292167	.	+	.	Parent=TraesCS5D01G463100.1
chr5D	IWGSC_March2017	CDS	506292058	506292167	.	+	2	Parent=TraesCS5D01G463100.1
chr5A	IWGSC_March2017	mRNA	634086078	634088269	48	+	.	ID=TraesCS5A01G452700.1;Parent=TraesCS5A01G452700;primconf=HC;seconf=HC2
chr5A	IWGSC_March2017	exon	634086078	634086757	.	+	.	Parent=TraesCS5A01G452700.1
chr5A	IWGSC_March2017	five_prime_UTR	634086078	634086222	.	+	.	Parent=TraesCS5A01G452700.1

chr5A	IWGSC_March2017	CDS	634086223	634086757	.	+	0	Parent=TraesCS5A01G452700.1
chr5A	IWGSC_March2017	exon	634087774	634088269	.	+	.	Parent=TraesCS5A01G452700.1
chr5A	IWGSC_March2017	CDS	634087774	634087886	.	+	2	Parent=TraesCS5A01G452700.1
chr5A	IWGSC_March2017	three_prime_UTR	634087887	634088269	.	+	.	Parent=TraesCS5A01G452700.1
chr5B	IWGSC_March2017	mRNA	637143711	637145403	58	+	.	ID=TraesCS5B01G461500.1;Parent=TraesCS5B01G461500;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	637143711	637144147	.	+	.	Parent=TraesCS5B01G461500.1
chr5B	IWGSC_March2017	five_prime_UTR	637143711	637143795	.	+	.	Parent=TraesCS5B01G461500.1
chr5B	IWGSC_March2017	CDS	637143796	637144147	.	+	0	Parent=TraesCS5B01G461500.1
chr5B	IWGSC_March2017	exon	637144268	637144384	.	+	.	Parent=TraesCS5B01G461500.1
chr5B	IWGSC_March2017	CDS	637144268	637144384	.	+	2	Parent=TraesCS5B01G461500.1
chr5B	IWGSC_March2017	exon	637145179	637145403	.	+	.	Parent=TraesCS5B01G461500.1
chr5B	IWGSC_March2017	CDS	637145179	637145288	.	+	2	Parent=TraesCS5B01G461500.1
chr5B	IWGSC_March2017	three_prime_UTR	637145289	637145403	.	+	.	Parent=TraesCS5B01G461500.1
chr5A	IWGSC_March2017	mRNA	634077376	634079042	58	+	.	ID=TraesCS5A01G452600.1;Parent=TraesCS5A01G452600;primconf=HC;secconf=HC1
chr5A	IWGSC_March2017	exon	634077376	634077721	.	+	.	Parent=TraesCS5A01G452600.1
chr5A	IWGSC_March2017	CDS	634077376	634077721	.	+	0	Parent=TraesCS5A01G452600.1
chr5A	IWGSC_March2017	exon	634077839	634077958	.	+	.	Parent=TraesCS5A01G452600.1
chr5A	IWGSC_March2017	CDS	634077839	634077958	.	+	2	Parent=TraesCS5A01G452600.1
chr5A	IWGSC_March2017	exon	634078933	634079042	.	+	.	Parent=TraesCS5A01G452600.1
chr5A	IWGSC_March2017	CDS	634078933	634079042	.	+	2	Parent=TraesCS5A01G452600.1
chr5D	IWGSC_March2017	mRNA	506269763	506271820	59	+	.	ID=TraesCS5D01G463000.1;Parent=TraesCS5D01G463000;primconf=HC;secconf=HC2
chr5D	IWGSC_March2017	exon	506269763	506270236	.	+	.	Parent=TraesCS5D01G463000.1
chr5D	IWGSC_March2017	five_prime_UTR	506269763	506269881	.	+	.	Parent=TraesCS5D01G463000.1
chr5D	IWGSC_March2017	CDS	506269882	506270236	.	+	0	Parent=TraesCS5D01G463000.1
chr5D	IWGSC_March2017	exon	506270357	506270476	.	+	.	Parent=TraesCS5D01G463000.1
chr5D	IWGSC_March2017	CDS	506270357	506270476	.	+	2	Parent=TraesCS5D01G463000.1
chr5D	IWGSC_March2017	exon	506271567	506271820	.	+	.	Parent=TraesCS5D01G463000.1
chr5D	IWGSC_March2017	CDS	506271567	506271676	.	+	2	Parent=TraesCS5D01G463000.1
chr5D	IWGSC_March2017	three_prime_UTR	506271677	506271820	.	+	.	Parent=TraesCS5D01G463000.1
chr6D	IWGSC_March2017	mRNA	343636222	343638515	60	-	.	ID=TraesCS6D01G241400.1;Parent=TraesCS6D01G241400;primconf=HC;secconf=HC1
chr6D	IWGSC_March2017	exon	343636222	343636367	.	-	.	Parent=TraesCS6D01G241400.1
chr6D	IWGSC_March2017	CDS	343636222	343636367	.	-	2	Parent=TraesCS6D01G241400.1
chr6D	IWGSC_March2017	exon	343636950	343637033	.	-	.	Parent=TraesCS6D01G241400.1
chr6D	IWGSC_March2017	CDS	343636950	343637033	.	-	2	Parent=TraesCS6D01G241400.1

chr6D	IWGSC_March2017	exon	343638191	343638515	.	-	.	Parent=TraesCS6D01G241400.1
chr6D	IWGSC_March2017	CDS	343638191	343638515	.	-	0	Parent=TraesCS6D01G241400.1
chr6A	IWGSC_March2017	mRNA	484065069	484067625	60	-	.	ID=TraesCS6A01G260600.1;Parent=TraesCS6A01G260600;primconf=HC;secconf=HC1
chr6A	IWGSC_March2017	exon	484065069	484065454	.	-	.	Parent=TraesCS6A01G260600.1
chr6A	IWGSC_March2017	three_prime_UTR	484065069	484065308	.	-	.	Parent=TraesCS6A01G260600.1
chr6A	IWGSC_March2017	CDS	484065309	484065454	.	-	2	Parent=TraesCS6A01G260600.1
chr6A	IWGSC_March2017	exon	484066053	484066136	.	-	.	Parent=TraesCS6A01G260600.1
chr6A	IWGSC_March2017	CDS	484066053	484066136	.	-	2	Parent=TraesCS6A01G260600.1
chr6A	IWGSC_March2017	exon	484067188	484067625	.	-	.	Parent=TraesCS6A01G260600.1
chr6A	IWGSC_March2017	CDS	484067188	484067524	.	-	0	Parent=TraesCS6A01G260600.1
chr6A	IWGSC_March2017	five_prime_UTR	484067525	484067625	.	-	.	Parent=TraesCS6A01G260600.1
chr6B	IWGSC_March2017	mRNA	518601609	518604075	60	-	.	ID=TraesCS6B01G287900.1;Parent=TraesCS6B01G287900;primconf=HC;secconf=HC2
chr6B	IWGSC_March2017	exon	518601609	518601754	.	-	.	Parent=TraesCS6B01G287900.1
chr6B	IWGSC_March2017	CDS	518601609	518601754	.	-	2	Parent=TraesCS6B01G287900.1
chr6B	IWGSC_March2017	exon	518602348	518602431	.	-	.	Parent=TraesCS6B01G287900.1
chr6B	IWGSC_March2017	CDS	518602348	518602431	.	-	2	Parent=TraesCS6B01G287900.1
chr6B	IWGSC_March2017	exon	518603751	518604075	.	-	.	Parent=TraesCS6B01G287900.1
chr6B	IWGSC_March2017	CDS	518603751	518604075	.	-	0	Parent=TraesCS6B01G287900.1
chr4A	IWGSC_March2017	mRNA	14835334	14837139	52	-	.	ID=TraesCS4A01G021300.1;Parent=TraesCS4A01G021300;primconf=HC;secconf=HC1
chr4A	IWGSC_March2017	exon	14835334	14835915	.	-	.	Parent=TraesCS4A01G021300.1
chr4A	IWGSC_March2017	three_prime_UTR	14835334	14835748	.	-	.	Parent=TraesCS4A01G021300.1
chr4A	IWGSC_March2017	CDS	14835749	14835915	.	-	2	Parent=TraesCS4A01G021300.1
chr4A	IWGSC_March2017	exon	14836271	14836351	.	-	.	Parent=TraesCS4A01G021300.1
chr4A	IWGSC_March2017	CDS	14836271	14836351	.	-	2	Parent=TraesCS4A01G021300.1
chr4A	IWGSC_March2017	exon	14836763	14837139	.	-	.	Parent=TraesCS4A01G021300.1
chr4A	IWGSC_March2017	CDS	14836763	14837105	.	-	0	Parent=TraesCS4A01G021300.1
chr4A	IWGSC_March2017	five_prime_UTR	14837106	14837139	.	-	.	Parent=TraesCS4A01G021300.1
chr4B	IWGSC_March2017	mRNA	565313012	565314547	50	+	.	ID=TraesCS4B01G282200.1;Parent=TraesCS4B01G282200;primconf=HC;secconf=HC1
chr4B	IWGSC_March2017	exon	565313012	565313354	.	+	.	Parent=TraesCS4B01G282200.1
chr4B	IWGSC_March2017	CDS	565313012	565313354	.	+	0	Parent=TraesCS4B01G282200.1
chr4B	IWGSC_March2017	exon	565313753	565313833	.	+	.	Parent=TraesCS4B01G282200.1
chr4B	IWGSC_March2017	CDS	565313753	565313833	.	+	2	Parent=TraesCS4B01G282200.1
chr4B	IWGSC_March2017	exon	565314381	565314547	.	+	.	Parent=TraesCS4B01G282200.1
chr4B	IWGSC_March2017	CDS	565314381	565314547	.	+	2	Parent=TraesCS4B01G282200.1

chr4D	IWGSC_March2017	mRNA	451801628	451803154	52	+	.	ID=TraesCS4D01G280900.1;Parent=TraesCS4D01G280900;primconf=HC;secconf=HC1
chr4D	IWGSC_March2017	exon	451801628	451802072	.	+	.	Parent=TraesCS4D01G280900.1
chr4D	IWGSC_March2017	five_prime_UTR	451801628	451801729	.	+	.	Parent=TraesCS4D01G280900.1
chr4D	IWGSC_March2017	CDS	451801730	451802072	.	+	0	Parent=TraesCS4D01G280900.1
chr4D	IWGSC_March2017	exon	451802487	451802567	.	+	.	Parent=TraesCS4D01G280900.1
chr4D	IWGSC_March2017	CDS	451802487	451802567	.	+	2	Parent=TraesCS4D01G280900.1
chr4D	IWGSC_March2017	exon	451802869	451803154	.	+	.	Parent=TraesCS4D01G280900.1
chr4D	IWGSC_March2017	CDS	451802869	451803035	.	+	2	Parent=TraesCS4D01G280900.1
chr4D	IWGSC_March2017	three_prime_UTR	451803036	451803154	.	+	.	Parent=TraesCS4D01G280900.1
chr7A	IWGSC_March2017	mRNA	257147699	257152247	48	+	.	ID=TraesCS7A01G261900.1;Parent=TraesCS7A01G261900;primconf=HC;secconf=HC2
chr7A	IWGSC_March2017	exon	257147699	257148038	.	+	.	Parent=TraesCS7A01G261900.1
chr7A	IWGSC_March2017	CDS	257147699	257148038	.	+	0	Parent=TraesCS7A01G261900.1
chr7A	IWGSC_March2017	exon	257152126	257152247	.	+	.	Parent=TraesCS7A01G261900.1
chr7A	IWGSC_March2017	CDS	257152126	257152247	.	+	2	Parent=TraesCS7A01G261900.1
chr7B	IWGSC_March2017	mRNA	216815633	216818509	58	-	.	ID=TraesCS7B01G159400.1;Parent=TraesCS7B01G159400;primconf=HC;secconf=HC2
chr7B	IWGSC_March2017	exon	216815633	216815754	.	-	.	Parent=TraesCS7B01G159400.1
chr7B	IWGSC_March2017	CDS	216815633	216815754	.	-	2	Parent=TraesCS7B01G159400.1
chr7B	IWGSC_March2017	exon	216816228	216816287	.	-	.	Parent=TraesCS7B01G159400.1
chr7B	IWGSC_March2017	CDS	216816228	216816287	.	-	2	Parent=TraesCS7B01G159400.1
chr7B	IWGSC_March2017	exon	216818170	216818509	.	-	.	Parent=TraesCS7B01G159400.1
chr7B	IWGSC_March2017	CDS	216818170	216818509	.	-	0	Parent=TraesCS7B01G159400.1
chr7D	IWGSC_March2017	mRNA	241176510	241179983	58	-	.	ID=TraesCS7D01G262500.1;Parent=TraesCS7D01G262500;primconf=HC;secconf=HC2
chr7D	IWGSC_March2017	exon	241176510	241176631	.	-	.	Parent=TraesCS7D01G262500.1
chr7D	IWGSC_March2017	CDS	241176510	241176631	.	-	2	Parent=TraesCS7D01G262500.1
chr7D	IWGSC_March2017	exon	241177113	241177172	.	-	.	Parent=TraesCS7D01G262500.1
chr7D	IWGSC_March2017	CDS	241177113	241177172	.	-	2	Parent=TraesCS7D01G262500.1
chr7D	IWGSC_March2017	exon	241179644	241179983	.	-	.	Parent=TraesCS7D01G262500.1
chr7D	IWGSC_March2017	CDS	241179644	241179983	.	-	0	Parent=TraesCS7D01G262500.1
chr6B	IWGSC_March2017	mRNA	121529231	121529737	52	-	.	ID=TraesCS6B01G126200.1;Parent=TraesCS6B01G126200;primconf=HC;secconf=HC2
chr6B	IWGSC_March2017	exon	121529231	121529737	.	-	.	Parent=TraesCS6B01G126200.1
chr6B	IWGSC_March2017	CDS	121529231	121529737	.	-	0	Parent=TraesCS6B01G126200.1
chr6D	IWGSC_March2017	mRNA	49848829	49849353	40	+	.	ID=TraesCS6D01G084600.1;Parent=TraesCS6D01G084600;primconf=HC;secconf=HC2
chr6D	IWGSC_March2017	exon	49848829	49849353	.	+	.	Parent=TraesCS6D01G084600.1
chr6D	IWGSC_March2017	CDS	49848829	49849353	.	+	0	Parent=TraesCS6D01G084600.1

chr6A	IWGSC_March2017	mRNA	65073130	65073841	39	-	.	ID=TraesCS6A01G098000.1;Parent=TraesCS6A01G098000;primconf=HC;secconf=HC2
chr6A	IWGSC_March2017	exon	65073130	65073214	.	-	.	Parent=TraesCS6A01G098000.1
chr6A	IWGSC_March2017	CDS	65073130	65073214	.	-	1	Parent=TraesCS6A01G098000.1
chr6A	IWGSC_March2017	exon	65073360	65073841	.	-	.	Parent=TraesCS6A01G098000.1
chr6A	IWGSC_March2017	CDS	65073360	65073841	.	-	0	Parent=TraesCS6A01G098000.1
chr6A	IWGSC_March2017	mRNA	65133550	65134074	44	-	.	ID=TraesCS6A01G098100.1;Parent=TraesCS6A01G098100;primconf=HC;secconf=HC2
chr6A	IWGSC_March2017	exon	65133550	65134074	.	-	.	Parent=TraesCS6A01G098100.1
chr6A	IWGSC_March2017	CDS	65133550	65134074	.	-	0	Parent=TraesCS6A01G098100.1
chr6A	IWGSC_March2017	mRNA	65140393	65141070	38	-	.	ID=TraesCS6A01G098200.1;Parent=TraesCS6A01G098200;primconf=HC;secconf=HC2
chr6A	IWGSC_March2017	exon	65140393	65141070	.	-	.	Parent=TraesCS6A01G098200.1
chr6A	IWGSC_March2017	CDS	65140393	65141070	.	-	0	Parent=TraesCS6A01G098200.1
chr6B	IWGSC_March2017	mRNA	123724068	123729755	43	+	.	ID=TraesCS6B01G127900.1;Parent=TraesCS6B01G127900;primconf=HC;secconf=HC2
chr6B	IWGSC_March2017	exon	123724068	123724487	.	+	.	Parent=TraesCS6B01G127900.1
chr6B	IWGSC_March2017	CDS	123724068	123724487	.	+	0	Parent=TraesCS6B01G127900.1
chr6B	IWGSC_March2017	exon	123729729	123729755	.	+	.	Parent=TraesCS6B01G127900.1
chr6B	IWGSC_March2017	CDS	123729729	123729755	.	+	0	Parent=TraesCS6B01G127900.1
chr6D	IWGSC_March2017	mRNA	47810554	47811000	46	-	.	ID=TraesCS6D01G082700.1;Parent=TraesCS6D01G082700;primconf=HC;secconf=HC2
chr6D	IWGSC_March2017	exon	47810554	47811000	.	-	.	Parent=TraesCS6D01G082700.1
chr6D	IWGSC_March2017	CDS	47810554	47811000	.	-	0	Parent=TraesCS6D01G082700.1
chr5D	IWGSC_March2017	mRNA	493997499	493998137	61	+	.	ID=TraesCS5D01G441000.1;Parent=TraesCS5D01G441000;primconf=HC;secconf=HC2
chr5D	IWGSC_March2017	exon	493997499	493997823	.	+	.	Parent=TraesCS5D01G441000.1
chr5D	IWGSC_March2017	CDS	493997499	493997823	.	+	0	Parent=TraesCS5D01G441000.1
chr5D	IWGSC_March2017	exon	493997944	493998137	.	+	.	Parent=TraesCS5D01G441000.1
chr5D	IWGSC_March2017	CDS	493997944	493998137	.	+	2	Parent=TraesCS5D01G441000.1
chr5B	IWGSC_March2017	mRNA	610081075	610081832	46	-	.	ID=TraesCS5B01G436000.1;Parent=TraesCS5B01G436000;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	610081075	610081358	.	-	.	Parent=TraesCS5B01G436000.1
chr5B	IWGSC_March2017	CDS	610081075	610081358	.	-	2	Parent=TraesCS5B01G436000.1
chr5B	IWGSC_March2017	exon	610081478	610081832	.	-	.	Parent=TraesCS5B01G436000.1
chr5B	IWGSC_March2017	CDS	610081478	610081832	.	-	0	Parent=TraesCS5B01G436000.1
chr5B	IWGSC_March2017	mRNA	610085156	610085805	61	-	.	ID=TraesCS5B01G436100.1;Parent=TraesCS5B01G436100;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	610085156	610085334	.	-	.	Parent=TraesCS5B01G436100.1
chr5B	IWGSC_March2017	CDS	610085156	610085334	.	-	2	Parent=TraesCS5B01G436100.1
chr5B	IWGSC_March2017	exon	610085451	610085805	.	-	.	Parent=TraesCS5B01G436100.1
chr5B	IWGSC_March2017	CDS	610085451	610085805	.	-	0	Parent=TraesCS5B01G436100.1

chr5A	IWGSC_March2017	mRNA	616981829	616982494	61	-	.	ID=TraesCS5A01G433100.1;Parent=TraesCS5A01G433100;primconf=HC;secconf=HC2
chr5A	IWGSC_March2017	exon	616981829	616982022	.	-	.	Parent=TraesCS5A01G433100.1
chr5A	IWGSC_March2017	CDS	616981829	616982022	.	-	2	Parent=TraesCS5A01G433100.1
chr5A	IWGSC_March2017	exon	616982140	616982494	.	-	.	Parent=TraesCS5A01G433100.1
chr5A	IWGSC_March2017	CDS	616982140	616982494	.	-	0	Parent=TraesCS5A01G433100.1
chr5D	IWGSC_March2017	mRNA	494033261	494033910	57	+	.	ID=TraesCS5D01G441100.1;Parent=TraesCS5D01G441100;primconf=HC;secconf=HC2
chr5D	IWGSC_March2017	exon	494033261	494033615	.	+	.	Parent=TraesCS5D01G441100.1
chr5D	IWGSC_March2017	CDS	494033261	494033615	.	+	0	Parent=TraesCS5D01G441100.1
chr5D	IWGSC_March2017	exon	494033717	494033910	.	+	.	Parent=TraesCS5D01G441100.1
chr5D	IWGSC_March2017	CDS	494033717	494033910	.	+	2	Parent=TraesCS5D01G441100.1
chr5B	IWGSC_March2017	mRNA	610022043	610023009	62	-	.	ID=TraesCS5B01G435900.1;Parent=TraesCS5B01G435900;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	610022043	610022427	.	-	.	Parent=TraesCS5B01G435900.1
chr5B	IWGSC_March2017	three_prime_UTR	610022043	610022233	.	-	.	Parent=TraesCS5B01G435900.1
chr5B	IWGSC_March2017	CDS	610022234	610022427	.	-	2	Parent=TraesCS5B01G435900.1
chr5B	IWGSC_March2017	exon	610022551	610023009	.	-	.	Parent=TraesCS5B01G435900.1
chr5B	IWGSC_March2017	CDS	610022551	610022905	.	-	0	Parent=TraesCS5B01G435900.1
chr5B	IWGSC_March2017	five_prime_UTR	610022906	610023009	.	-	.	Parent=TraesCS5B01G435900.1
chr5B	IWGSC_March2017	mRNA	610006700	610007878	44	-	.	ID=TraesCS5B01G435800.1;Parent=TraesCS5B01G435800;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	610006700	610007282	.	-	.	Parent=TraesCS5B01G435800.1
chr5B	IWGSC_March2017	three_prime_UTR	610006700	610007127	.	-	.	Parent=TraesCS5B01G435800.1
chr5B	IWGSC_March2017	CDS	610007128	610007282	.	-	2	Parent=TraesCS5B01G435800.1
chr5B	IWGSC_March2017	exon	610007414	610007878	.	-	.	Parent=TraesCS5B01G435800.1
chr5B	IWGSC_March2017	CDS	610007414	610007768	.	-	0	Parent=TraesCS5B01G435800.1
chr5B	IWGSC_March2017	five_prime_UTR	610007769	610007878	.	-	.	Parent=TraesCS5B01G435800.1
chr5D	IWGSC_March2017	mRNA	494041989	494042570	45	+	.	ID=TraesCS5D01G441200.1;Parent=TraesCS5D01G441200;primconf=HC;secconf=HC2
chr5D	IWGSC_March2017	exon	494041989	494042343	.	+	.	Parent=TraesCS5D01G441200.1
chr5D	IWGSC_March2017	CDS	494041989	494042343	.	+	0	Parent=TraesCS5D01G441200.1
chr5D	IWGSC_March2017	exon	494042419	494042570	.	+	.	Parent=TraesCS5D01G441200.1
chr5D	IWGSC_March2017	CDS	494042419	494042570	.	+	2	Parent=TraesCS5D01G441200.1
chr5B	IWGSC_March2017	mRNA	609935235	609935753	60	-	.	ID=TraesCS5B01G435600.1;Parent=TraesCS5B01G435600;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	609935235	609935753	.	-	.	Parent=TraesCS5B01G435600.1
chr5B	IWGSC_March2017	CDS	609935235	609935753	.	-	0	Parent=TraesCS5B01G435600.1
chr5A	IWGSC_March2017	mRNA	616919394	616919912	56	-	.	ID=TraesCS5A01G432900.1;Parent=TraesCS5A01G432900;primconf=HC;secconf=HC2
chr5A	IWGSC_March2017	exon	616919394	616919912	.	-	.	Parent=TraesCS5A01G432900.1

chr5A	IWGSC_March2017	CDS	616919394	616919912	.	-	0	Parent=TraesCS5A01G432900.1
chr5D	IWGSC_March2017	mRNA	494052833	494053351	60	+	.	ID=TraesCS5D01G441300.1;Parent=TraesCS5D01G441300;primconf=HC;seconf=HC2
chr5D	IWGSC_March2017	exon	494052833	494053351	.	+	.	Parent=TraesCS5D01G441300.1
chr5D	IWGSC_March2017	CDS	494052833	494053351	.	+	0	Parent=TraesCS5D01G441300.1
chr5A	IWGSC_March2017	mRNA	616913769	616914550	36	-	.	ID=TraesCS5A01G432800.1;Parent=TraesCS5A01G432800;primconf=HC;seconf=HC2
chr5A	IWGSC_March2017	exon	616913769	616913817	.	-	.	Parent=TraesCS5A01G432800.1
chr5A	IWGSC_March2017	CDS	616913769	616913817	.	-	1	Parent=TraesCS5A01G432800.1
chr5A	IWGSC_March2017	exon	616914129	616914550	.	-	.	Parent=TraesCS5A01G432800.1
chr5A	IWGSC_March2017	CDS	616914129	616914550	.	-	0	Parent=TraesCS5A01G432800.1
chr5D	IWGSC_March2017	mRNA	493835024	493835717	45	-	.	ID=TraesCS5D01G440800.1;Parent=TraesCS5D01G440800;primconf=HC;seconf=HC2
chr5D	IWGSC_March2017	exon	493835024	493835321	.	-	.	Parent=TraesCS5D01G440800.1
chr5D	IWGSC_March2017	CDS	493835024	493835321	.	-	1	Parent=TraesCS5D01G440800.1
chr5D	IWGSC_March2017	exon	493835497	493835717	.	-	.	Parent=TraesCS5D01G440800.1
chr5D	IWGSC_March2017	CDS	493835497	493835717	.	-	0	Parent=TraesCS5D01G440800.1
chr5A	IWGSC_March2017	mRNA	616909085	616909892	57	-	.	ID=TraesCS5A01G432700.1;Parent=TraesCS5A01G432700;primconf=HC;seconf=HC1
chr5A	IWGSC_March2017	exon	616909085	616909892	.	-	.	Parent=TraesCS5A01G432700.1
chr5A	IWGSC_March2017	three_prime_UTR	616909085	616909275	.	-	.	Parent=TraesCS5A01G432700.1
chr5A	IWGSC_March2017	CDS	616909276	616909794	.	-	0	Parent=TraesCS5A01G432700.1
chr5A	IWGSC_March2017	five_prime_UTR	616909795	616909892	.	-	.	Parent=TraesCS5A01G432700.1
chr5B	IWGSC_March2017	mRNA	609927335	609927847	52	-	.	ID=TraesCS5B01G435500.1;Parent=TraesCS5B01G435500;primconf=HC;seconf=HC2
chr5B	IWGSC_March2017	exon	609927335	609927847	.	-	.	Parent=TraesCS5B01G435500.1
chr5B	IWGSC_March2017	CDS	609927335	609927847	.	-	0	Parent=TraesCS5B01G435500.1
chr1A	IWGSC_March2017	mRNA	30196854	30197476	52	-	.	ID=TraesCS1A01G048700.1;Parent=TraesCS1A01G048700;primconf=HC;seconf=HC1
chr1A	IWGSC_March2017	exon	30196854	30196969	.	-	.	Parent=TraesCS1A01G048700.1
chr1A	IWGSC_March2017	CDS	30196854	30196969	.	-	2	Parent=TraesCS1A01G048700.1
chr1A	IWGSC_March2017	exon	30197080	30197476	.	-	.	Parent=TraesCS1A01G048700.1
chr1A	IWGSC_March2017	CDS	30197080	30197476	.	-	0	Parent=TraesCS1A01G048700.1
chr1B	IWGSC_March2017	mRNA	48284402	48316919	35	-	.	ID=TraesCS1B01G063600.1;Parent=TraesCS1B01G063600;primconf=HC;seconf=HC2
chr1B	IWGSC_March2017	exon	48284402	48284517	.	-	.	Parent=TraesCS1B01G063600.1
chr1B	IWGSC_March2017	CDS	48284402	48284517	.	-	2	Parent=TraesCS1B01G063600.1
chr1B	IWGSC_March2017	exon	48284605	48284769	.	-	.	Parent=TraesCS1B01G063600.1
chr1B	IWGSC_March2017	CDS	48284605	48284769	.	-	2	Parent=TraesCS1B01G063600.1
chr1B	IWGSC_March2017	exon	48316682	48316919	.	-	.	Parent=TraesCS1B01G063600.1
chr1B	IWGSC_March2017	CDS	48316682	48316919	.	-	0	Parent=TraesCS1B01G063600.1

chr1B	IWGSC_March2017	mRNA	48322710	48345275	31	-	.	ID=TraesCS1B01G063700.1;Parent=TraesCS1B01G063700;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	48322710	48322825	.	-	.	Parent=TraesCS1B01G063700.1
chr1B	IWGSC_March2017	CDS	48322710	48322825	.	-	2	Parent=TraesCS1B01G063700.1
chr1B	IWGSC_March2017	exon	48322913	48323068	.	-	.	Parent=TraesCS1B01G063700.1
chr1B	IWGSC_March2017	CDS	48322913	48323068	.	-	2	Parent=TraesCS1B01G063700.1
chr1B	IWGSC_March2017	exon	48345032	48345275	.	-	.	Parent=TraesCS1B01G063700.1
chr1B	IWGSC_March2017	CDS	48345032	48345275	.	-	0	Parent=TraesCS1B01G063700.1
chr1B	IWGSC_March2017	mRNA	48346465	48347106	61	-	.	ID=TraesCS1B01G063800.1;Parent=TraesCS1B01G063800;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	48346465	48346634	.	-	.	Parent=TraesCS1B01G063800.1
chr1B	IWGSC_March2017	CDS	48346465	48346634	.	-	2	Parent=TraesCS1B01G063800.1
chr1B	IWGSC_March2017	exon	48346722	48347106	.	-	.	Parent=TraesCS1B01G063800.1
chr1B	IWGSC_March2017	CDS	48346722	48347106	.	-	0	Parent=TraesCS1B01G063800.1
chr1D	IWGSC_March2017	mRNA	30107700	30108330	52	-	.	ID=TraesCS1D01G050000.1;Parent=TraesCS1D01G050000;primconf=HC;secconf=HC1
chr1D	IWGSC_March2017	exon	30107700	30107815	.	-	.	Parent=TraesCS1D01G050000.1
chr1D	IWGSC_March2017	CDS	30107700	30107815	.	-	2	Parent=TraesCS1D01G050000.1
chr1D	IWGSC_March2017	exon	30107928	30108330	.	-	.	Parent=TraesCS1D01G050000.1
chr1D	IWGSC_March2017	CDS	30107928	30108330	.	-	0	Parent=TraesCS1D01G050000.1
chr5A	IWGSC_March2017	mRNA	617175107	617176006	41	+	.	ID=TraesCS5A01G433500.1;Parent=TraesCS5A01G433500;primconf=HC;secconf=HC2
chr5A	IWGSC_March2017	exon	617175107	617175544	.	+	.	Parent=TraesCS5A01G433500.1
chr5A	IWGSC_March2017	five_prime_UTR	617175107	617175189	.	+	.	Parent=TraesCS5A01G433500.1
chr5A	IWGSC_March2017	CDS	617175190	617175544	.	+	0	Parent=TraesCS5A01G433500.1
chr5A	IWGSC_March2017	exon	617175633	617176006	.	+	.	Parent=TraesCS5A01G433500.1
chr5A	IWGSC_March2017	CDS	617175633	617175916	.	+	2	Parent=TraesCS5A01G433500.1
chr5A	IWGSC_March2017	three_prime_UTR	617175917	617176006	.	+	.	Parent=TraesCS5A01G433500.1
chr5A	IWGSC_March2017	mRNA	617188181	617188922	33	+	.	ID=TraesCS5A01G433800.1;Parent=TraesCS5A01G433800;primconf=HC;secconf=HC2
chr5A	IWGSC_March2017	exon	617188181	617188553	.	+	.	Parent=TraesCS5A01G433800.1
chr5A	IWGSC_March2017	CDS	617188181	617188553	.	+	0	Parent=TraesCS5A01G433800.1
chr5A	IWGSC_March2017	exon	617188628	617188687	.	+	.	Parent=TraesCS5A01G433800.1
chr5A	IWGSC_March2017	CDS	617188628	617188687	.	+	2	Parent=TraesCS5A01G433800.1
chr5A	IWGSC_March2017	exon	617188801	617188922	.	+	.	Parent=TraesCS5A01G433800.1
chr5A	IWGSC_March2017	CDS	617188801	617188922	.	+	2	Parent=TraesCS5A01G433800.1
chr5B	IWGSC_March2017	mRNA	610295057	610295797	58	+	.	ID=TraesCS5B01G436700.1;Parent=TraesCS5B01G436700;primconf=HC;secconf=HC2
chr5B	IWGSC_March2017	exon	610295057	610295429	.	+	.	Parent=TraesCS5B01G436700.1
chr5B	IWGSC_March2017	CDS	610295057	610295429	.	+	0	Parent=TraesCS5B01G436700.1

chr5B	IWGSC_March2017	exon	610295497	610295556	.	+	.	Parent=TraesCS5B01G436700.1
chr5B	IWGSC_March2017	CDS	610295497	610295556	.	+	2	Parent=TraesCS5B01G436700.1
chr5B	IWGSC_March2017	exon	610295670	610295797	.	+	.	Parent=TraesCS5B01G436700.1
chr5B	IWGSC_March2017	CDS	610295670	610295797	.	+	2	Parent=TraesCS5B01G436700.1
chr5D	IWGSC_March2017	mRNA	494183026	494183762	42	+	.	ID=TraesCS5D01G441700.1;Parent=TraesCS5D01G441700;primconf=HC;seconf=HC2
chr5D	IWGSC_March2017	exon	494183026	494183398	.	+	.	Parent=TraesCS5D01G441700.1
chr5D	IWGSC_March2017	CDS	494183026	494183398	.	+	0	Parent=TraesCS5D01G441700.1
chr5D	IWGSC_March2017	exon	494183471	494183530	.	+	.	Parent=TraesCS5D01G441700.1
chr5D	IWGSC_March2017	CDS	494183471	494183530	.	+	2	Parent=TraesCS5D01G441700.1
chr5D	IWGSC_March2017	exon	494183629	494183762	.	+	.	Parent=TraesCS5D01G441700.1
chr5D	IWGSC_March2017	CDS	494183629	494183762	.	+	2	Parent=TraesCS5D01G441700.1
chr2B	IWGSC_March2017	mRNA	318204811	318206745	42	-	.	ID=TraesCS2B01G258900.1;Parent=TraesCS2B01G258900;primconf=HC;seconf=HC1
chr2B	IWGSC_March2017	exon	318204811	318204917	.	-	.	Parent=TraesCS2B01G258900.1
chr2B	IWGSC_March2017	CDS	318204811	318204917	.	-	2	Parent=TraesCS2B01G258900.1
chr2B	IWGSC_March2017	exon	318206272	318206349	.	-	.	Parent=TraesCS2B01G258900.1
chr2B	IWGSC_March2017	CDS	318206272	318206349	.	-	2	Parent=TraesCS2B01G258900.1
chr2B	IWGSC_March2017	exon	318206436	318206745	.	-	.	Parent=TraesCS2B01G258900.1
chr2B	IWGSC_March2017	CDS	318206436	318206745	.	-	0	Parent=TraesCS2B01G258900.1
chr2D	IWGSC_March2017	mRNA	279054981	279056220	43	-	.	ID=TraesCS2D01G245300.1;Parent=TraesCS2D01G245300;primconf=HC;seconf=HC1
chr2D	IWGSC_March2017	exon	279054981	279055368	.	-	.	Parent=TraesCS2D01G245300.1
chr2D	IWGSC_March2017	three_prime_UTR	279054981	279055261	.	-	.	Parent=TraesCS2D01G245300.1
chr2D	IWGSC_March2017	CDS	279055262	279055368	.	-	2	Parent=TraesCS2D01G245300.1
chr2D	IWGSC_March2017	exon	279055699	279055776	.	-	.	Parent=TraesCS2D01G245300.1
chr2D	IWGSC_March2017	CDS	279055699	279055776	.	-	2	Parent=TraesCS2D01G245300.1
chr2D	IWGSC_March2017	exon	279055863	279056220	.	-	.	Parent=TraesCS2D01G245300.1
chr2D	IWGSC_March2017	CDS	279055863	279056172	.	-	0	Parent=TraesCS2D01G245300.1
chr2D	IWGSC_March2017	five_prime_UTR	279056173	279056220	.	-	.	Parent=TraesCS2D01G245300.1
chr4A	IWGSC_March2017	mRNA	30399234	30400445	56	-	.	ID=TraesCS4A01G038400.1;Parent=TraesCS4A01G038400;primconf=HC;seconf=HC2
chr4A	IWGSC_March2017	exon	30399234	30399454	.	-	.	Parent=TraesCS4A01G038400.1
chr4A	IWGSC_March2017	CDS	30399234	30399454	.	-	2	Parent=TraesCS4A01G038400.1
chr4A	IWGSC_March2017	exon	30399614	30399646	.	-	.	Parent=TraesCS4A01G038400.1
chr4A	IWGSC_March2017	CDS	30399614	30399646	.	-	2	Parent=TraesCS4A01G038400.1
chr4A	IWGSC_March2017	exon	30400106	30400445	.	-	.	Parent=TraesCS4A01G038400.1
chr4A	IWGSC_March2017	CDS	30400106	30400445	.	-	0	Parent=TraesCS4A01G038400.1

chr4B	IWGSC_March2017	mRNA	540314486	540318553	49	+	.	ID=TraesCS4B01G267300.1;Parent=TraesCS4B01G267300;primconf=HC;secconf=HC2
chr4B	IWGSC_March2017	exon	540314486	540314806	.	+	.	Parent=TraesCS4B01G267300.1
chr4B	IWGSC_March2017	CDS	540314486	540314806	.	+	0	Parent=TraesCS4B01G267300.1
chr4B	IWGSC_March2017	exon	540314809	540314830	.	+	.	Parent=TraesCS4B01G267300.1
chr4B	IWGSC_March2017	CDS	540314809	540314830	.	+	0	Parent=TraesCS4B01G267300.1
chr4B	IWGSC_March2017	exon	540315361	540315393	.	+	.	Parent=TraesCS4B01G267300.1
chr4B	IWGSC_March2017	CDS	540315361	540315393	.	+	2	Parent=TraesCS4B01G267300.1
chr4B	IWGSC_March2017	exon	540318342	540318553	.	+	.	Parent=TraesCS4B01G267300.1
chr4B	IWGSC_March2017	CDS	540318342	540318553	.	+	2	Parent=TraesCS4B01G267300.1
chr4D	IWGSC_March2017	mRNA	437683745	437685153	39	+	.	ID=TraesCS4D01G266900.1;Parent=TraesCS4D01G266900;primconf=HC;secconf=HC2
chr4D	IWGSC_March2017	exon	437683745	437684108	.	+	.	Parent=TraesCS4D01G266900.1
chr4D	IWGSC_March2017	CDS	437683745	437684108	.	+	0	Parent=TraesCS4D01G266900.1
chr4D	IWGSC_March2017	exon	437684936	437685153	.	+	.	Parent=TraesCS4D01G266900.1
chr4D	IWGSC_March2017	CDS	437684936	437685153	.	+	2	Parent=TraesCS4D01G266900.1
chr6A	IWGSC_March2017	mRNA	25107445	25108479	51	+	.	ID=TraesCS6A01G049100.1;Parent=TraesCS6A01G049100;primconf=HC;secconf=HC1
chr6A	IWGSC_March2017	exon	25107445	25108479	.	+	.	Parent=TraesCS6A01G049100.1
chr6A	IWGSC_March2017	five_prime_UTR	25107445	25107549	.	+	.	Parent=TraesCS6A01G049100.1
chr6A	IWGSC_March2017	CDS	25107550	25108401	.	+	0	Parent=TraesCS6A01G049100.1
chr6A	IWGSC_March2017	three_prime_UTR	25108402	25108479	.	+	.	Parent=TraesCS6A01G049100.1
chr6A	IWGSC_March2017	mRNA	25203388	25204548	51	+	.	ID=TraesCS6A01G049200.1;Parent=TraesCS6A01G049200;primconf=HC;secconf=HC1
chr6A	IWGSC_March2017	exon	25203388	25204548	.	+	.	Parent=TraesCS6A01G049200.1
chr6A	IWGSC_March2017	five_prime_UTR	25203388	25203492	.	+	.	Parent=TraesCS6A01G049200.1
chr6A	IWGSC_March2017	CDS	25203493	25204413	.	+	0	Parent=TraesCS6A01G049200.1
chr6A	IWGSC_March2017	three_prime_UTR	25204414	25204548	.	+	.	Parent=TraesCS6A01G049200.1
chr6A	IWGSC_March2017	mRNA	25408368	25409480	41	+	.	ID=TraesCS6A01G049500.1;Parent=TraesCS6A01G049500;primconf=HC;secconf=HC2
chr6A	IWGSC_March2017	exon	25408368	25409480	.	+	.	Parent=TraesCS6A01G049500.1
chr6A	IWGSC_March2017	five_prime_UTR	25408368	25408472	.	+	.	Parent=TraesCS6A01G049500.1
chr6A	IWGSC_March2017	CDS	25408473	25409168	.	+	0	Parent=TraesCS6A01G049500.1
chr6A	IWGSC_March2017	three_prime_UTR	25409169	25409480	.	+	.	Parent=TraesCS6A01G049500.1
chr6A	IWGSC_March2017	mRNA	25525703	25526836	51	+	.	ID=TraesCS6A01G049700.1;Parent=TraesCS6A01G049700;primconf=HC;secconf=HC1
chr6A	IWGSC_March2017	exon	25525703	25526836	.	+	.	Parent=TraesCS6A01G049700.1
chr6A	IWGSC_March2017	five_prime_UTR	25525703	25525807	.	+	.	Parent=TraesCS6A01G049700.1
chr6A	IWGSC_March2017	CDS	25525808	25526701	.	+	0	Parent=TraesCS6A01G049700.1
chr6A	IWGSC_March2017	three_prime_UTR	25526702	25526836	.	+	.	Parent=TraesCS6A01G049700.1

chr6A	IWGSC_March2017	mRNA	25314174	25315268	51	+	.	ID=TraesCS6A01G049400.1;Parent=TraesCS6A01G049400;primconf=HC;seconf=HC1
chr6A	IWGSC_March2017	exon	25314174	25315268	.	+	.	Parent=TraesCS6A01G049400.1
chr6A	IWGSC_March2017	five_prime_UTR	25314174	25314278	.	+	.	Parent=TraesCS6A01G049400.1
chr6A	IWGSC_March2017	CDS	25314279	25315133	.	+	0	Parent=TraesCS6A01G049400.1
chr6A	IWGSC_March2017	three_prime_UTR	25315134	25315268	.	+	.	Parent=TraesCS6A01G049400.1
chr6A	IWGSC_March2017	mRNA	25472736	25473839	51	+	.	ID=TraesCS6A01G049600.1;Parent=TraesCS6A01G049600;primconf=HC;seconf=HC1
chr6A	IWGSC_March2017	exon	25472736	25473839	.	+	.	Parent=TraesCS6A01G049600.1
chr6A	IWGSC_March2017	five_prime_UTR	25472736	25472840	.	+	.	Parent=TraesCS6A01G049600.1
chr6A	IWGSC_March2017	CDS	25472841	25473704	.	+	0	Parent=TraesCS6A01G049600.1
chr6A	IWGSC_March2017	three_prime_UTR	25473705	25473839	.	+	.	Parent=TraesCS6A01G049600.1
chr6A	IWGSC_March2017	mRNA	25581073	25582152	51	+	.	ID=TraesCS6A01G049800.1;Parent=TraesCS6A01G049800;primconf=HC;seconf=HC1
chr6A	IWGSC_March2017	exon	25581073	25582152	.	+	.	Parent=TraesCS6A01G049800.1
chr6A	IWGSC_March2017	five_prime_UTR	25581073	25581177	.	+	.	Parent=TraesCS6A01G049800.1
chr6A	IWGSC_March2017	CDS	25581178	25582017	.	+	0	Parent=TraesCS6A01G049800.1
chr6A	IWGSC_March2017	three_prime_UTR	25582018	25582152	.	+	.	Parent=TraesCS6A01G049800.1
chrUn	IWGSC_March2017	mRNA	94280480	94281538	51	+	.	ID=TraesCSU01G108100.1;Parent=TraesCSU01G108100;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	94280480	94281538	.	+	.	Parent=TraesCSU01G108100.1
chrUn	IWGSC_March2017	five_prime_UTR	94280480	94280584	.	+	.	Parent=TraesCSU01G108100.1
chrUn	IWGSC_March2017	CDS	94280585	94281460	.	+	0	Parent=TraesCSU01G108100.1
chrUn	IWGSC_March2017	three_prime_UTR	94281461	94281538	.	+	.	Parent=TraesCSU01G108100.1
chrUn	IWGSC_March2017	mRNA	94431946	94432989	51	+	.	ID=TraesCSU01G108500.1;Parent=TraesCSU01G108500;primconf=HC;seconf=HC2
chrUn	IWGSC_March2017	exon	94431946	94432989	.	+	.	Parent=TraesCSU01G108500.1
chrUn	IWGSC_March2017	five_prime_UTR	94431946	94432050	.	+	.	Parent=TraesCSU01G108500.1
chrUn	IWGSC_March2017	CDS	94432051	94432911	.	+	0	Parent=TraesCSU01G108500.1
chrUn	IWGSC_March2017	three_prime_UTR	94432912	94432989	.	+	.	Parent=TraesCSU01G108500.1
chrUn	IWGSC_March2017	mRNA	94399725	94400789	40	+	.	ID=TraesCSU01G108400.1;Parent=TraesCSU01G108400;primconf=HC;seconf=HC2
chrUn	IWGSC_March2017	exon	94399725	94400789	.	+	.	Parent=TraesCSU01G108400.1
chrUn	IWGSC_March2017	five_prime_UTR	94399725	94399829	.	+	.	Parent=TraesCSU01G108400.1
chrUn	IWGSC_March2017	CDS	94399830	94400711	.	+	0	Parent=TraesCSU01G108400.1
chrUn	IWGSC_March2017	three_prime_UTR	94400712	94400789	.	+	.	Parent=TraesCSU01G108400.1
chrUn	IWGSC_March2017	mRNA	284306746	284307852	51	+	.	ID=TraesCSU01G188800.1;Parent=TraesCSU01G188800;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	284306746	284307852	.	+	.	Parent=TraesCSU01G188800.1
chrUn	IWGSC_March2017	five_prime_UTR	284306746	284306850	.	+	.	Parent=TraesCSU01G188800.1
chrUn	IWGSC_March2017	CDS	284306851	284307774	.	+	0	Parent=TraesCSU01G188800.1

chrUn	IWGSC_March2017	three_prime_UTR	284307775	284307852	.	+	.	Parent=TraesCSU01G188800.1
chrUn	IWGSC_March2017	mRNA	355223099	355224103	51	+	.	ID=TraesCSU01G239000.1;Parent=TraesCSU01G239000;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	355223099	355224103	.	+	.	Parent=TraesCSU01G239000.1
chrUn	IWGSC_March2017	CDS	355223099	355224025	.	+	0	Parent=TraesCSU01G239000.1
chrUn	IWGSC_March2017	three_prime_UTR	355224026	355224103	.	+	.	Parent=TraesCSU01G239000.1
chrUn	IWGSC_March2017	mRNA	94316506	94334305	38	+	.	ID=TraesCSU01G108200.1;Parent=TraesCSU01G108200;primconf=HC;seconf=HC2
chrUn	IWGSC_March2017	exon	94316506	94317186	.	+	.	Parent=TraesCSU01G108200.1
chrUn	IWGSC_March2017	CDS	94316506	94317186	.	+	0	Parent=TraesCSU01G108200.1
chrUn	IWGSC_March2017	exon	94317383	94317394	.	+	.	Parent=TraesCSU01G108200.1
chrUn	IWGSC_March2017	CDS	94317383	94317394	.	+	0	Parent=TraesCSU01G108200.1
chrUn	IWGSC_March2017	exon	94334048	94334305	.	+	.	Parent=TraesCSU01G108200.1
chrUn	IWGSC_March2017	CDS	94334048	94334305	.	+	0	Parent=TraesCSU01G108200.1
chrUn	IWGSC_March2017	mRNA	94345752	94346837	51	+	.	ID=TraesCSU01G108300.1;Parent=TraesCSU01G108300;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	94345752	94346837	.	+	.	Parent=TraesCSU01G108300.1
chrUn	IWGSC_March2017	five_prime_UTR	94345752	94345856	.	+	.	Parent=TraesCSU01G108300.1
chrUn	IWGSC_March2017	CDS	94345857	94346759	.	+	0	Parent=TraesCSU01G108300.1
chrUn	IWGSC_March2017	three_prime_UTR	94346760	94346837	.	+	.	Parent=TraesCSU01G108300.1
chrUn	IWGSC_March2017	mRNA	325489422	325490465	51	-	.	ID=TraesCSU01G220200.1;Parent=TraesCSU01G220200;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	325489422	325490465	.	-	.	Parent=TraesCSU01G220200.1
chrUn	IWGSC_March2017	three_prime_UTR	325489422	325489504	.	-	.	Parent=TraesCSU01G220200.1
chrUn	IWGSC_March2017	CDS	325489505	325490398	.	-	0	Parent=TraesCSU01G220200.1
chrUn	IWGSC_March2017	five_prime_UTR	325490399	325490465	.	-	.	Parent=TraesCSU01G220200.1
chrUn	IWGSC_March2017	mRNA	325950182	325951237	51	+	.	ID=TraesCSU01G220600.1;Parent=TraesCSU01G220600;primconf=HC;seconf=HC1
chrUn	IWGSC_March2017	exon	325950182	325951237	.	+	.	Parent=TraesCSU01G220600.1
chrUn	IWGSC_March2017	five_prime_UTR	325950182	325950286	.	+	.	Parent=TraesCSU01G220600.1
chrUn	IWGSC_March2017	CDS	325950287	325951159	.	+	0	Parent=TraesCSU01G220600.1
chrUn	IWGSC_March2017	three_prime_UTR	325951160	325951237	.	+	.	Parent=TraesCSU01G220600.1
chr6B	IWGSC_March2017	mRNA	43475010	43476401	37	+	.	ID=TraesCS6B01G065600.1;Parent=TraesCS6B01G065600;primconf=HC;seconf=HC2
chr6B	IWGSC_March2017	exon	43475010	43475583	.	+	.	Parent=TraesCS6B01G065600.1
chr6B	IWGSC_March2017	five_prime_UTR	43475010	43475076	.	+	.	Parent=TraesCS6B01G065600.1
chr6B	IWGSC_March2017	CDS	43475077	43475583	.	+	0	Parent=TraesCS6B01G065600.1
chr6B	IWGSC_March2017	exon	43476096	43476401	.	+	.	Parent=TraesCS6B01G065600.1
chr6B	IWGSC_March2017	CDS	43476096	43476320	.	+	0	Parent=TraesCS6B01G065600.1
chr6B	IWGSC_March2017	three_prime_UTR	43476321	43476401	.	+	.	Parent=TraesCS6B01G065600.1

chr6B	IWGSC_March2017	mRNA	43868418	43869302	45	+	.	ID=TraesCS6B01G066000.1;Parent=TraesCS6B01G066000;primconf=HC;secconf=HC2
chr6B	IWGSC_March2017	exon	43868418	43869077	.	+	.	Parent=TraesCS6B01G066000.1
chr6B	IWGSC_March2017	CDS	43868418	43869077	.	+	0	Parent=TraesCS6B01G066000.1
chr6B	IWGSC_March2017	exon	43869120	43869302	.	+	.	Parent=TraesCS6B01G066000.1
chr6B	IWGSC_March2017	CDS	43869120	43869302	.	+	0	Parent=TraesCS6B01G066000.1
chrUn	IWGSC_March2017	mRNA	94682807	94683837	44	+	.	ID=TraesCSU01G108700.1;Parent=TraesCSU01G108700;primconf=HC;secconf=HC1
chrUn	IWGSC_March2017	exon	94682807	94683837	.	+	.	Parent=TraesCSU01G108700.1
chrUn	IWGSC_March2017	five_prime_UTR	94682807	94682910	.	+	.	Parent=TraesCSU01G108700.1
chrUn	IWGSC_March2017	CDS	94682911	94683759	.	+	0	Parent=TraesCSU01G108700.1
chrUn	IWGSC_March2017	three_prime_UTR	94683760	94683837	.	+	.	Parent=TraesCSU01G108700.1
chr6A	IWGSC_March2017	mRNA	24921546	24922742	51	+	.	ID=TraesCS6A01G048900.1;Parent=TraesCS6A01G048900;primconf=HC;secconf=HC2
chr6A	IWGSC_March2017	exon	24921546	24922742	.	+	.	Parent=TraesCS6A01G048900.1
chr6A	IWGSC_March2017	five_prime_UTR	24921546	24921650	.	+	.	Parent=TraesCS6A01G048900.1
chr6A	IWGSC_March2017	CDS	24921651	24922607	.	+	0	Parent=TraesCS6A01G048900.1
chr6A	IWGSC_March2017	three_prime_UTR	24922608	24922742	.	+	.	Parent=TraesCS6A01G048900.1
chrUn	IWGSC_March2017	mRNA	197717485	197718609	51	+	.	ID=TraesCSU01G153800.1;Parent=TraesCSU01G153800;primconf=HC;secconf=HC2
chrUn	IWGSC_March2017	exon	197717485	197718609	.	+	.	Parent=TraesCSU01G153800.1
chrUn	IWGSC_March2017	five_prime_UTR	197717485	197717589	.	+	.	Parent=TraesCSU01G153800.1
chrUn	IWGSC_March2017	CDS	197717590	197718474	.	+	0	Parent=TraesCSU01G153800.1
chrUn	IWGSC_March2017	three_prime_UTR	197718475	197718609	.	+	.	Parent=TraesCSU01G153800.1
chrUn	IWGSC_March2017	mRNA	229104147	229105283	44	+	.	ID=TraesCSU01G160200.1;Parent=TraesCSU01G160200;primconf=HC;secconf=HC2
chrUn	IWGSC_March2017	exon	229104147	229105283	.	+	.	Parent=TraesCSU01G160200.1
chrUn	IWGSC_March2017	five_prime_UTR	229104147	229104251	.	+	.	Parent=TraesCSU01G160200.1
chrUn	IWGSC_March2017	CDS	229104252	229104947	.	+	0	Parent=TraesCSU01G160200.1
chrUn	IWGSC_March2017	three_prime_UTR	229104948	229105283	.	+	.	Parent=TraesCSU01G160200.1
chr6B	IWGSC_March2017	mRNA	43549183	43550283	51	+	.	ID=TraesCS6B01G065800.1;Parent=TraesCS6B01G065800;primconf=HC;secconf=HC1
chr6B	IWGSC_March2017	exon	43549183	43550283	.	+	.	Parent=TraesCS6B01G065800.1
chr6B	IWGSC_March2017	five_prime_UTR	43549183	43549249	.	+	.	Parent=TraesCS6B01G065800.1
chr6B	IWGSC_March2017	CDS	43549250	43550200	.	+	0	Parent=TraesCS6B01G065800.1
chr6B	IWGSC_March2017	three_prime_UTR	43550201	43550283	.	+	.	Parent=TraesCS6B01G065800.1
chr6B	IWGSC_March2017	mRNA	43572160	43572611	11	+	.	ID=TraesCS6B01G065900.1;Parent=TraesCS6B01G065900;primconf=HC;secconf=HC2
chr6B	IWGSC_March2017	exon	43572160	43572310	.	+	.	Parent=TraesCS6B01G065900.1
chr6B	IWGSC_March2017	CDS	43572160	43572310	.	+	0	Parent=TraesCS6B01G065900.1
chr6B	IWGSC_March2017	exon	43572373	43572611	.	+	.	Parent=TraesCS6B01G065900.1

chr6B	IWGSC_March2017	CDS	43572373	43572611	.	+	2	Parent=TraesCS6B01G065900.1
chr1B	IWGSC_March2017	mRNA	5057629	5058082	25	+	.	ID=TraesCS1B01G010700.1;Parent=TraesCS1B01G010700;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	5057629	5058082	.	+	.	Parent=TraesCS1B01G010700.1
chr1B	IWGSC_March2017	CDS	5057629	5058000	.	+	0	Parent=TraesCS1B01G010700.1
chr1B	IWGSC_March2017	three_prime_UTR	5058001	5058082	.	+	.	Parent=TraesCS1B01G010700.1
chr1A	IWGSC_March2017	mRNA	6517870	6562688	29	+	.	ID=TraesCS1A01G010900.1;Parent=TraesCS1A01G010900;primconf=HC;secconf=HC2
chr1A	IWGSC_March2017	exon	6517870	6517889	.	+	.	Parent=TraesCS1A01G010900.1
chr1A	IWGSC_March2017	CDS	6517870	6517889	.	+	0	Parent=TraesCS1A01G010900.1
chr1A	IWGSC_March2017	exon	6562238	6562688	.	+	.	Parent=TraesCS1A01G010900.1
chr1A	IWGSC_March2017	CDS	6562238	6562688	.	+	1	Parent=TraesCS1A01G010900.1
chr7A	IWGSC_March2017	mRNA	498593990	498594400	37	-	.	ID=TraesCS7A01G340100.1;Parent=TraesCS7A01G340100;primconf=HC;secconf=HC2
chr7A	IWGSC_March2017	exon	498593990	498594400	.	-	.	Parent=TraesCS7A01G340100.1
chr7A	IWGSC_March2017	CDS	498593990	498594400	.	-	0	Parent=TraesCS7A01G340100.1
chr7B	IWGSC_March2017	mRNA	464548112	464548815	40	-	.	ID=TraesCS7B01G251800.1;Parent=TraesCS7B01G251800;primconf=HC;secconf=HC2
chr7B	IWGSC_March2017	exon	464548112	464548815	.	-	.	Parent=TraesCS7B01G251800.1
chr7B	IWGSC_March2017	three_prime_UTR	464548112	464548397	.	-	.	Parent=TraesCS7B01G251800.1
chr7B	IWGSC_March2017	CDS	464548398	464548811	.	-	0	Parent=TraesCS7B01G251800.1
chr7B	IWGSC_March2017	five_prime_UTR	464548812	464548815	.	-	.	Parent=TraesCS7B01G251800.1
chr7D	IWGSC_March2017	mRNA	447061732	447062142	50	-	.	ID=TraesCS7D01G347800.1;Parent=TraesCS7D01G347800;primconf=HC;secconf=HC2
chr7D	IWGSC_March2017	exon	447061732	447062142	.	-	.	Parent=TraesCS7D01G347800.1
chr7D	IWGSC_March2017	CDS	447061732	447062142	.	-	0	Parent=TraesCS7D01G347800.1
chr2D	IWGSC_March2017	mRNA	529657261	529658067	62	-	.	ID=TraesCS2D01G415900.1;Parent=TraesCS2D01G415900;primconf=HC;secconf=HC2
chr2D	IWGSC_March2017	exon	529657261	529657436	.	-	.	Parent=TraesCS2D01G415900.1
chr2D	IWGSC_March2017	CDS	529657261	529657436	.	-	2	Parent=TraesCS2D01G415900.1
chr2D	IWGSC_March2017	exon	529657560	529657622	.	-	.	Parent=TraesCS2D01G415900.1
chr2D	IWGSC_March2017	CDS	529657560	529657622	.	-	2	Parent=TraesCS2D01G415900.1
chr2D	IWGSC_March2017	exon	529657731	529658067	.	-	.	Parent=TraesCS2D01G415900.1
chr2D	IWGSC_March2017	CDS	529657731	529658067	.	-	0	Parent=TraesCS2D01G415900.1
chr2A	IWGSC_March2017	mRNA	674493788	674494564	52	-	.	ID=TraesCS2A01G419000.1;Parent=TraesCS2A01G419000;primconf=HC;secconf=HC2
chr2A	IWGSC_March2017	exon	674493788	674493957	.	-	.	Parent=TraesCS2A01G419000.1
chr2A	IWGSC_March2017	CDS	674493788	674493957	.	-	2	Parent=TraesCS2A01G419000.1
chr2A	IWGSC_March2017	exon	674494074	674494136	.	-	.	Parent=TraesCS2A01G419000.1
chr2A	IWGSC_March2017	CDS	674494074	674494136	.	-	2	Parent=TraesCS2A01G419000.1
chr2A	IWGSC_March2017	exon	674494228	674494564	.	-	.	Parent=TraesCS2A01G419000.1

chr2A	IWGSC_March2017	CDS	674494228	674494564	.	-	0	Parent=TraesCS2A01G419000.1
chr2B	IWGSC_March2017	mRNA	629693498	629694274	62	-	.	ID=TraesCS2B01G437700.1;Parent=TraesCS2B01G437700;primconf=HC;secconf=HC2
chr2B	IWGSC_March2017	exon	629693498	629693667	.	-	.	Parent=TraesCS2B01G437700.1
chr2B	IWGSC_March2017	CDS	629693498	629693667	.	-	2	Parent=TraesCS2B01G437700.1
chr2B	IWGSC_March2017	exon	629693784	629693846	.	-	.	Parent=TraesCS2B01G437700.1
chr2B	IWGSC_March2017	CDS	629693784	629693846	.	-	2	Parent=TraesCS2B01G437700.1
chr2B	IWGSC_March2017	exon	629693938	629694274	.	-	.	Parent=TraesCS2B01G437700.1
chr2B	IWGSC_March2017	CDS	629693938	629694274	.	-	0	Parent=TraesCS2B01G437700.1
chr7A	IWGSC_March2017	mRNA	589453828	589455189	57	+	.	ID=TraesCS7A01G405800.1;Parent=TraesCS7A01G405800;primconf=HC;secconf=HC2
chr7A	IWGSC_March2017	exon	589453828	589454212	.	+	.	Parent=TraesCS7A01G405800.1
chr7A	IWGSC_March2017	CDS	589453828	589454212	.	+	0	Parent=TraesCS7A01G405800.1
chr7A	IWGSC_March2017	exon	589454743	589454805	.	+	.	Parent=TraesCS7A01G405800.1
chr7A	IWGSC_March2017	CDS	589454743	589454805	.	+	2	Parent=TraesCS7A01G405800.1
chr7A	IWGSC_March2017	exon	589455086	589455189	.	+	.	Parent=TraesCS7A01G405800.1
chr7A	IWGSC_March2017	CDS	589455086	589455189	.	+	2	Parent=TraesCS7A01G405800.1
chr7B	IWGSC_March2017	mRNA	548162279	548163672	57	+	.	ID=TraesCS7B01G305700.1;Parent=TraesCS7B01G305700;primconf=HC;secconf=HC2
chr7B	IWGSC_March2017	exon	548162279	548162669	.	+	.	Parent=TraesCS7B01G305700.1
chr7B	IWGSC_March2017	CDS	548162279	548162669	.	+	0	Parent=TraesCS7B01G305700.1
chr7B	IWGSC_March2017	exon	548163210	548163272	.	+	.	Parent=TraesCS7B01G305700.1
chr7B	IWGSC_March2017	CDS	548163210	548163272	.	+	2	Parent=TraesCS7B01G305700.1
chr7B	IWGSC_March2017	exon	548163569	548163672	.	+	.	Parent=TraesCS7B01G305700.1
chr7B	IWGSC_March2017	CDS	548163569	548163672	.	+	2	Parent=TraesCS7B01G305700.1
chr7D	IWGSC_March2017	mRNA	515821338	515822824	58	+	.	ID=TraesCS7D01G399700.1;Parent=TraesCS7D01G399700;primconf=HC;secconf=HC2
chr7D	IWGSC_March2017	exon	515821338	515821766	.	+	.	Parent=TraesCS7D01G399700.1
chr7D	IWGSC_March2017	five_prime_UTR	515821338	515821375	.	+	.	Parent=TraesCS7D01G399700.1
chr7D	IWGSC_March2017	CDS	515821376	515821766	.	+	0	Parent=TraesCS7D01G399700.1
chr7D	IWGSC_March2017	exon	515822300	515822362	.	+	.	Parent=TraesCS7D01G399700.1
chr7D	IWGSC_March2017	CDS	515822300	515822362	.	+	2	Parent=TraesCS7D01G399700.1
chr7D	IWGSC_March2017	exon	515822652	515822824	.	+	.	Parent=TraesCS7D01G399700.1
chr7D	IWGSC_March2017	CDS	515822652	515822755	.	+	2	Parent=TraesCS7D01G399700.1
chr7D	IWGSC_March2017	three_prime_UTR	515822756	515822824	.	+	.	Parent=TraesCS7D01G399700.1
chr7B	IWGSC_March2017	mRNA	602300484	602302636	55	-	.	ID=TraesCS7B01G346500.1;Parent=TraesCS7B01G346500;primconf=HC;secconf=HC2
chr7B	IWGSC_March2017	exon	602300484	602300593	.	-	.	Parent=TraesCS7B01G346500.1
chr7B	IWGSC_March2017	CDS	602300484	602300593	.	-	2	Parent=TraesCS7B01G346500.1

chr7B	IWGSC_March2017	exon	602301516	602301542	.	-	.	Parent=TraesCS7B01G346500.1
chr7B	IWGSC_March2017	CDS	602301516	602301542	.	-	2	Parent=TraesCS7B01G346500.1
chr7B	IWGSC_March2017	exon	602302441	602302636	.	-	.	Parent=TraesCS7B01G346500.1
chr7B	IWGSC_March2017	CDS	602302441	602302636	.	-	0	Parent=TraesCS7B01G346500.1
chr7A	IWGSC_March2017	mRNA	641425177	641428704	58	-	.	ID=TraesCS7A01G446700.1;Parent=TraesCS7A01G446700;primconf=HC;seconf=HC2
chr7A	IWGSC_March2017	exon	641425177	641426013	.	-	.	Parent=TraesCS7A01G446700.1
chr7A	IWGSC_March2017	three_prime_UTR	641425177	641425897	.	-	.	Parent=TraesCS7A01G446700.1
chr7A	IWGSC_March2017	CDS	641425898	641426013	.	-	2	Parent=TraesCS7A01G446700.1
chr7A	IWGSC_March2017	exon	641427394	641427420	.	-	.	Parent=TraesCS7A01G446700.1
chr7A	IWGSC_March2017	CDS	641427394	641427420	.	-	2	Parent=TraesCS7A01G446700.1
chr7A	IWGSC_March2017	exon	641428252	641428704	.	-	.	Parent=TraesCS7A01G446700.1
chr7A	IWGSC_March2017	CDS	641428252	641428573	.	-	0	Parent=TraesCS7A01G446700.1
chr7A	IWGSC_March2017	five_prime_UTR	641428574	641428704	.	-	.	Parent=TraesCS7A01G446700.1
chr7D	IWGSC_March2017	mRNA	554563346	554565900	60	+	.	ID=TraesCS7D01G435200.1;Parent=TraesCS7D01G435200;primconf=HC;seconf=HC2
chr7D	IWGSC_March2017	exon	554563346	554563744	.	+	.	Parent=TraesCS7D01G435200.1
chr7D	IWGSC_March2017	five_prime_UTR	554563346	554563422	.	+	.	Parent=TraesCS7D01G435200.1
chr7D	IWGSC_March2017	CDS	554563423	554563744	.	+	0	Parent=TraesCS7D01G435200.1
chr7D	IWGSC_March2017	exon	554564589	554564615	.	+	.	Parent=TraesCS7D01G435200.1
chr7D	IWGSC_March2017	CDS	554564589	554564615	.	+	2	Parent=TraesCS7D01G435200.1
chr7D	IWGSC_March2017	exon	554565603	554565900	.	+	.	Parent=TraesCS7D01G435200.1
chr7D	IWGSC_March2017	CDS	554565603	554565727	.	+	2	Parent=TraesCS7D01G435200.1
chr7D	IWGSC_March2017	three_prime_UTR	554565728	554565900	.	+	.	Parent=TraesCS7D01G435200.1
chr3A	IWGSC_March2017	mRNA	584765966	584767910	62	+	.	ID=TraesCS3A01G338000.1;Parent=TraesCS3A01G338000;primconf=HC;seconf=HC2
chr3A	IWGSC_March2017	exon	584765966	584766408	.	+	.	Parent=TraesCS3A01G338000.1
chr3A	IWGSC_March2017	five_prime_UTR	584765966	584766038	.	+	.	Parent=TraesCS3A01G338000.1
chr3A	IWGSC_March2017	CDS	584766039	584766408	.	+	0	Parent=TraesCS3A01G338000.1
chr3A	IWGSC_March2017	exon	584767201	584767278	.	+	.	Parent=TraesCS3A01G338000.1
chr3A	IWGSC_March2017	CDS	584767201	584767278	.	+	2	Parent=TraesCS3A01G338000.1
chr3A	IWGSC_March2017	exon	584767527	584767910	.	+	.	Parent=TraesCS3A01G338000.1
chr3A	IWGSC_March2017	CDS	584767527	584767648	.	+	2	Parent=TraesCS3A01G338000.1
chr3A	IWGSC_March2017	three_prime_UTR	584767649	584767910	.	+	.	Parent=TraesCS3A01G338000.1
chr3B	IWGSC_March2017	mRNA	581663324	581664752	61	+	.	ID=TraesCS3B01G369600.1;Parent=TraesCS3B01G369600;primconf=HC;seconf=HC2
chr3B	IWGSC_March2017	exon	581663324	581663867	.	+	.	Parent=TraesCS3B01G369600.1
chr3B	IWGSC_March2017	CDS	581663324	581663867	.	+	0	Parent=TraesCS3B01G369600.1

chr3B	IWGSC_March2017	exon	581664244	581664321	.	+	.	Parent=TraesCS3B01G369600.1
chr3B	IWGSC_March2017	CDS	581664244	581664321	.	+	2	Parent=TraesCS3B01G369600.1
chr3B	IWGSC_March2017	exon	581664631	581664752	.	+	.	Parent=TraesCS3B01G369600.1
chr3B	IWGSC_March2017	CDS	581664631	581664752	.	+	2	Parent=TraesCS3B01G369600.1
chr3D	IWGSC_March2017	mRNA	443628606	443630276	62	+	.	ID=TraesCS3D01G331400.1;Parent=TraesCS3D01G331400;primconf=HC;secconf=HC2
chr3D	IWGSC_March2017	exon	443628606	443629056	.	+	.	Parent=TraesCS3D01G331400.1
chr3D	IWGSC_March2017	five_prime_UTR	443628606	443628686	.	+	.	Parent=TraesCS3D01G331400.1
chr3D	IWGSC_March2017	CDS	443628687	443629056	.	+	0	Parent=TraesCS3D01G331400.1
chr3D	IWGSC_March2017	exon	443629446	443629526	.	+	.	Parent=TraesCS3D01G331400.1
chr3D	IWGSC_March2017	CDS	443629446	443629526	.	+	2	Parent=TraesCS3D01G331400.1
chr3D	IWGSC_March2017	exon	443629947	443630276	.	+	.	Parent=TraesCS3D01G331400.1
chr3D	IWGSC_March2017	CDS	443629947	443630068	.	+	2	Parent=TraesCS3D01G331400.1
chr3D	IWGSC_March2017	three_prime_UTR	443630069	443630276	.	+	.	Parent=TraesCS3D01G331400.1
chr1A	IWGSC_March2017	mRNA	498174489	498175684	49	-	.	ID=TraesCS1A01G306000.1;Parent=TraesCS1A01G306000;primconf=HC;secconf=HC2
chr1A	IWGSC_March2017	exon	498174489	498174613	.	-	.	Parent=TraesCS1A01G306000.1
chr1A	IWGSC_March2017	CDS	498174489	498174613	.	-	2	Parent=TraesCS1A01G306000.1
chr1A	IWGSC_March2017	exon	498175057	498175684	.	-	.	Parent=TraesCS1A01G306000.1
chr1A	IWGSC_March2017	CDS	498175057	498175684	.	-	0	Parent=TraesCS1A01G306000.1
chr1B	IWGSC_March2017	mRNA	541011245	541012356	54	-	.	ID=TraesCS1B01G316700.1;Parent=TraesCS1B01G316700;primconf=HC;secconf=HC2
chr1B	IWGSC_March2017	exon	541011245	541011369	.	-	.	Parent=TraesCS1B01G316700.1
chr1B	IWGSC_March2017	CDS	541011245	541011369	.	-	2	Parent=TraesCS1B01G316700.1
chr1B	IWGSC_March2017	exon	541011732	541011827	.	-	.	Parent=TraesCS1B01G316700.1
chr1B	IWGSC_March2017	CDS	541011732	541011827	.	-	2	Parent=TraesCS1B01G316700.1
chr1B	IWGSC_March2017	exon	541011933	541012356	.	-	.	Parent=TraesCS1B01G316700.1
chr1B	IWGSC_March2017	CDS	541011933	541012356	.	-	0	Parent=TraesCS1B01G316700.1
chr1D	IWGSC_March2017	mRNA	403059303	403060402	45	-	.	ID=TraesCS1D01G305700.1;Parent=TraesCS1D01G305700;primconf=HC;secconf=HC2
chr1D	IWGSC_March2017	exon	403059303	403059427	.	-	.	Parent=TraesCS1D01G305700.1
chr1D	IWGSC_March2017	CDS	403059303	403059427	.	-	2	Parent=TraesCS1D01G305700.1
chr1D	IWGSC_March2017	exon	403059770	403059865	.	-	.	Parent=TraesCS1D01G305700.1
chr1D	IWGSC_March2017	CDS	403059770	403059865	.	-	2	Parent=TraesCS1D01G305700.1
chr1D	IWGSC_March2017	exon	403059976	403060402	.	-	.	Parent=TraesCS1D01G305700.1
chr1D	IWGSC_March2017	CDS	403059976	403060402	.	-	0	Parent=TraesCS1D01G305700.1
chr4D	IWGSC_March2017	mRNA	308544569	308545738	52	-	.	ID=TraesCS4D01G177100.1;Parent=TraesCS4D01G177100;primconf=HC;secconf=HC2
chr4D	IWGSC_March2017	exon	308544569	308544702	.	-	.	Parent=TraesCS4D01G177100.1

chr4D	IWGSC_March2017	CDS	308544569	308544702	.	-	2	Parent=TraesCS4D01G177100.1
chr4D	IWGSC_March2017	exon	308545315	308545738	.	-	.	Parent=TraesCS4D01G177100.1
chr4D	IWGSC_March2017	CDS	308545315	308545738	.	-	0	Parent=TraesCS4D01G177100.1
chr4A	IWGSC_March2017	mRNA	168545272	168546427	52	+	.	ID=TraesCS4A01G129300.1;Parent=TraesCS4A01G129300;primconf=HC;seconf=HC2
chr4A	IWGSC_March2017	exon	168545272	168545758	.	+	.	Parent=TraesCS4A01G129300.1
chr4A	IWGSC_March2017	CDS	168545272	168545758	.	+	0	Parent=TraesCS4A01G129300.1
chr4A	IWGSC_March2017	exon	168546294	168546427	.	+	.	Parent=TraesCS4A01G129300.1
chr4A	IWGSC_March2017	CDS	168546294	168546427	.	+	2	Parent=TraesCS4A01G129300.1
chr4B	IWGSC_March2017	mRNA	385210692	385216775	32	-	.	ID=TraesCS4B01G175200.1;Parent=TraesCS4B01G175200;primconf=HC;seconf=HC2
chr4B	IWGSC_March2017	exon	385210692	385210825	.	-	.	Parent=TraesCS4B01G175200.1
chr4B	IWGSC_March2017	CDS	385210692	385210825	.	-	2	Parent=TraesCS4B01G175200.1
chr4B	IWGSC_March2017	exon	385216352	385216775	.	-	.	Parent=TraesCS4B01G175200.1
chr4B	IWGSC_March2017	CDS	385216352	385216775	.	-	0	Parent=TraesCS4B01G175200.1
chr3B	IWGSC_March2017	mRNA	77349901	77350536	50	+	.	ID=TraesCS3B01G111200.1;Parent=TraesCS3B01G111200;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	77349901	77350536	.	+	.	Parent=TraesCS3B01G111200.1
chr3B	IWGSC_March2017	five_prime_UTR	77349901	77350006	.	+	.	Parent=TraesCS3B01G111200.1
chr3B	IWGSC_March2017	CDS	77350007	77350465	.	+	0	Parent=TraesCS3B01G111200.1
chr3B	IWGSC_March2017	three_prime_UTR	77350466	77350536	.	+	.	Parent=TraesCS3B01G111200.1
chr3D	IWGSC_March2017	mRNA	48543231	48543867	46	+	.	ID=TraesCS3D01G095700.1;Parent=TraesCS3D01G095700;primconf=HC;seconf=HC1
chr3D	IWGSC_March2017	exon	48543231	48543867	.	+	.	Parent=TraesCS3D01G095700.1
chr3D	IWGSC_March2017	five_prime_UTR	48543231	48543330	.	+	.	Parent=TraesCS3D01G095700.1
chr3D	IWGSC_March2017	CDS	48543331	48543795	.	+	0	Parent=TraesCS3D01G095700.1
chr3D	IWGSC_March2017	three_prime_UTR	48543796	48543867	.	+	.	Parent=TraesCS3D01G095700.1
chr3D	IWGSC_March2017	mRNA	48731975	48732578	47	-	.	ID=TraesCS3D01G096000.1;Parent=TraesCS3D01G096000;primconf=HC;seconf=HC1
chr3D	IWGSC_March2017	exon	48731975	48732578	.	-	.	Parent=TraesCS3D01G096000.1
chr3D	IWGSC_March2017	three_prime_UTR	48731975	48732051	.	-	.	Parent=TraesCS3D01G096000.1
chr3D	IWGSC_March2017	CDS	48732052	48732516	.	-	0	Parent=TraesCS3D01G096000.1
chr3D	IWGSC_March2017	five_prime_UTR	48732517	48732578	.	-	.	Parent=TraesCS3D01G096000.1
chr3B	IWGSC_March2017	mRNA	77315304	77315939	50	+	.	ID=TraesCS3B01G111100.1;Parent=TraesCS3B01G111100;primconf=HC;seconf=HC1
chr3B	IWGSC_March2017	exon	77315304	77315939	.	+	.	Parent=TraesCS3B01G111100.1
chr3B	IWGSC_March2017	five_prime_UTR	77315304	77315403	.	+	.	Parent=TraesCS3B01G111100.1
chr3B	IWGSC_March2017	CDS	77315404	77315868	.	+	0	Parent=TraesCS3B01G111100.1
chr3B	IWGSC_March2017	three_prime_UTR	77315869	77315939	.	+	.	Parent=TraesCS3B01G111100.1
chr3A	IWGSC_March2017	mRNA	60842288	60842976	51	+	.	ID=TraesCS3A01G095600.1;Parent=TraesCS3A01G095600;primconf=HC;seconf=HC1

chr3A	IWGSC_March2017	exon	60842288	60842976	.	+	.	Parent=TraesCS3A01G095600.1
chr3A	IWGSC_March2017	five_prime_UTR	60842288	60842399	.	+	.	Parent=TraesCS3A01G095600.1
chr3A	IWGSC_March2017	CDS	60842400	60842864	.	+	0	Parent=TraesCS3A01G095600.1
chr3A	IWGSC_March2017	three_prime_UTR	60842865	60842976	.	+	.	Parent=TraesCS3A01G095600.1
chr6B	IWGSC_March2017	mRNA	5282957	5283394	42	+	.	ID=TraesCS6B01G008200.1;Parent=TraesCS6B01G008200;primconf=HC;secconf=HC1
chr6B	IWGSC_March2017	exon	5282957	5283394	.	+	.	Parent=TraesCS6B01G008200.1
chr6B	IWGSC_March2017	CDS	5282957	5283394	.	+	0	Parent=TraesCS6B01G008200.1
chr6D	IWGSC_March2017	mRNA	52368	52947	50	+	.	ID=TraesCS6D01G000200.1;Parent=TraesCS6D01G000200;primconf=HC;secconf=HC1
chr6D	IWGSC_March2017	exon	52368	52947	.	+	.	Parent=TraesCS6D01G000200.1
chr6D	IWGSC_March2017	five_prime_UTR	52368	52443	.	+	.	Parent=TraesCS6D01G000200.1
chr6D	IWGSC_March2017	CDS	52444	52899	.	+	0	Parent=TraesCS6D01G000200.1
chr6D	IWGSC_March2017	three_prime_UTR	52900	52947	.	+	.	Parent=TraesCS6D01G000200.1
chr5A	IWGSC_March2017	mRNA	2414730	2415224	43	+	.	ID=TraesCS5A01G003300.1;Parent=TraesCS5A01G003300;primconf=HC;secconf=HC1
chr5A	IWGSC_March2017	exon	2414730	2415224	.	+	.	Parent=TraesCS5A01G003300.1
chr5A	IWGSC_March2017	CDS	2414730	2415224	.	+	0	Parent=TraesCS5A01G003300.1
chr5B	IWGSC_March2017	mRNA	5057454	5057948	50	+	.	ID=TraesCS5B01G003500.1;Parent=TraesCS5B01G003500;primconf=HC;secconf=HC1
chr5B	IWGSC_March2017	exon	5057454	5057948	.	+	.	Parent=TraesCS5B01G003500.1
chr5B	IWGSC_March2017	CDS	5057454	5057948	.	+	0	Parent=TraesCS5B01G003500.1
chr5D	IWGSC_March2017	mRNA	3571184	3571678	50	+	.	ID=TraesCS5D01G004000.1;Parent=TraesCS5D01G004000;primconf=HC;secconf=HC1
chr5D	IWGSC_March2017	exon	3571184	3571678	.	+	.	Parent=TraesCS5D01G004000.1
chr5D	IWGSC_March2017	CDS	3571184	3571678	.	+	0	Parent=TraesCS5D01G004000.1
chr5D	IWGSC_March2017	mRNA	3591495	3592002	42	+	.	ID=TraesCS5D01G004100.1;Parent=TraesCS5D01G004100;primconf=HC;secconf=HC1
chr5D	IWGSC_March2017	exon	3591495	3592002	.	+	.	Parent=TraesCS5D01G004100.1
chr5D	IWGSC_March2017	five_prime_UTR	3591495	3591525	.	+	.	Parent=TraesCS5D01G004100.1
chr5D	IWGSC_March2017	CDS	3591526	3591972	.	+	0	Parent=TraesCS5D01G004100.1
chr5D	IWGSC_March2017	three_prime_UTR	3591973	3592002	.	+	.	Parent=TraesCS5D01G004100.1
chr5D	IWGSC_March2017	mRNA	3609640	3610146	60	+	.	ID=TraesCS5D01G004300.1;Parent=TraesCS5D01G004300;primconf=HC;secconf=HC1
chr5D	IWGSC_March2017	exon	3609640	3610146	.	+	.	Parent=TraesCS5D01G004300.1
chr5D	IWGSC_March2017	five_prime_UTR	3609640	3609671	.	+	.	Parent=TraesCS5D01G004300.1
chr5D	IWGSC_March2017	CDS	3609672	3610118	.	+	0	Parent=TraesCS5D01G004300.1
chr5D	IWGSC_March2017	three_prime_UTR	3610119	3610146	.	+	.	Parent=TraesCS5D01G004300.1
chr7B	IWGSC_March2017	mRNA	699388914	699389366	50	+	.	ID=TraesCS7B01G431200.1;Parent=TraesCS7B01G431200;primconf=HC;secconf=HC1
chr7B	IWGSC_March2017	exon	699388914	699389366	.	+	.	Parent=TraesCS7B01G431200.1
chr7B	IWGSC_March2017	CDS	699388914	699389366	.	+	0	Parent=TraesCS7B01G431200.1

chr7A	IWGSC_March2017	mRNA	700637118	700654998	40	-	.	ID=TraesCS7A01G514500.1;Parent=TraesCS7A01G514500;primconf=HC;secconf=HC1
chr7A	IWGSC_March2017	exon	700637118	700637498	.	-	.	Parent=TraesCS7A01G514500.1
chr7A	IWGSC_March2017	CDS	700637118	700637498	.	-	0	Parent=TraesCS7A01G514500.1
chr7A	IWGSC_March2017	exon	700654930	700654998	.	-	.	Parent=TraesCS7A01G514500.1
chr7A	IWGSC_March2017	CDS	700654930	700654998	.	-	0	Parent=TraesCS7A01G514500.1
chr7A	IWGSC_March2017	mRNA	700613781	700614230	31	-	.	ID=TraesCS7A01G514400.1;Parent=TraesCS7A01G514400;primconf=HC;secconf=HC1
chr7A	IWGSC_March2017	exon	700613781	700614230	.	-	.	Parent=TraesCS7A01G514400.1
chr7A	IWGSC_March2017	CDS	700613781	700614230	.	-	0	Parent=TraesCS7A01G514400.1
chr7D	IWGSC_March2017	mRNA	610764067	610764516	50	-	.	ID=TraesCS7D01G504800.1;Parent=TraesCS7D01G504800;primconf=HC;secconf=HC1
chr7D	IWGSC_March2017	exon	610764067	610764516	.	-	.	Parent=TraesCS7D01G504800.1
chr7D	IWGSC_March2017	CDS	610764067	610764516	.	-	0	Parent=TraesCS7D01G504800.1
chr7D	IWGSC_March2017	mRNA	50652217	50652836	51	+	.	ID=TraesCS7D01G083700.1;Parent=TraesCS7D01G083700;primconf=HC;secconf=HC1
chr7D	IWGSC_March2017	exon	50652217	50652836	.	+	.	Parent=TraesCS7D01G083700.1
chr7D	IWGSC_March2017	five_prime_UTR	50652217	50652309	.	+	.	Parent=TraesCS7D01G083700.1
chr7D	IWGSC_March2017	CDS	50652310	50652741	.	+	0	Parent=TraesCS7D01G083700.1
chr7D	IWGSC_March2017	three_prime_UTR	50652742	50652836	.	+	.	Parent=TraesCS7D01G083700.1
chr7B	IWGSC_March2017	mRNA	79308131	79309947	37	-	.	ID=TraesCS7B01G072000.1;Parent=TraesCS7B01G072000;primconf=HC;secconf=HC1
chr7B	IWGSC_March2017	exon	79308131	79308277	.	-	.	Parent=TraesCS7B01G072000.1
chr7B	IWGSC_March2017	CDS	79308131	79308277	.	-	0	Parent=TraesCS7B01G072000.1
chr7B	IWGSC_March2017	exon	79309585	79309947	.	-	.	Parent=TraesCS7B01G072000.1
chr7B	IWGSC_March2017	CDS	79309585	79309947	.	-	0	Parent=TraesCS7B01G072000.1
chr7D	IWGSC_March2017	mRNA	118156790	118157438	41	-	.	ID=TraesCS7D01G168000.1;Parent=TraesCS7D01G168000;primconf=HC;secconf=HC1
chr7D	IWGSC_March2017	exon	118156790	118157438	.	-	.	Parent=TraesCS7D01G168000.1
chr7D	IWGSC_March2017	three_prime_UTR	118156790	118156897	.	-	.	Parent=TraesCS7D01G168000.1
chr7D	IWGSC_March2017	CDS	118156898	118157335	.	-	0	Parent=TraesCS7D01G168000.1
chr7D	IWGSC_March2017	five_prime_UTR	118157336	118157438	.	-	.	Parent=TraesCS7D01G168000.1
chr4B	IWGSC_March2017	mRNA	618647390	618647938	50	-	.	ID=TraesCS4B01G328000.1;Parent=TraesCS4B01G328000;primconf=HC;secconf=HC1
chr4B	IWGSC_March2017	exon	618647390	618647938	.	-	.	Parent=TraesCS4B01G328000.1
chr4B	IWGSC_March2017	three_prime_UTR	618647390	618647410	.	-	.	Parent=TraesCS4B01G328000.1
chr4B	IWGSC_March2017	CDS	618647411	618647842	.	-	0	Parent=TraesCS4B01G328000.1
chr4B	IWGSC_March2017	five_prime_UTR	618647843	618647938	.	-	.	Parent=TraesCS4B01G328000.1
chr4D	IWGSC_March2017	mRNA	485480982	485481500	50	-	.	ID=TraesCS4D01G325000.1;Parent=TraesCS4D01G325000;primconf=HC;secconf=HC1
chr4D	IWGSC_March2017	exon	485480982	485481500	.	-	.	Parent=TraesCS4D01G325000.1
chr4D	IWGSC_March2017	three_prime_UTR	485480982	485481007	.	-	.	Parent=TraesCS4D01G325000.1

chr4D	IWGSC_March2017	CDS	485481008	485481439	.	-	0	Parent=TraesCS4D01G325000.1
chr4D	IWGSC_March2017	five_prime_UTR	485481440	485481500	.	-	.	Parent=TraesCS4D01G325000.1
chr4B	IWGSC_March2017	mRNA	618654247	618654952	47	-	.	ID=TraesCS4B01G328100.1;Parent=TraesCS4B01G328100;primconf=HC;secconf=HC1
chr4B	IWGSC_March2017	exon	618654247	618654952	.	-	.	Parent=TraesCS4B01G328100.1
chr4B	IWGSC_March2017	three_prime_UTR	618654247	618654366	.	-	.	Parent=TraesCS4B01G328100.1
chr4B	IWGSC_March2017	CDS	618654367	618654873	.	-	0	Parent=TraesCS4B01G328100.1
chr4B	IWGSC_March2017	five_prime_UTR	618654874	618654952	.	-	.	Parent=TraesCS4B01G328100.1
chr4D	IWGSC_March2017	mRNA	485484286	485484964	41	-	.	ID=TraesCS4D01G325100.1;Parent=TraesCS4D01G325100;primconf=HC;secconf=HC1
chr4D	IWGSC_March2017	exon	485484286	485484964	.	-	.	Parent=TraesCS4D01G325100.1
chr4D	IWGSC_March2017	three_prime_UTR	485484286	485484410	.	-	.	Parent=TraesCS4D01G325100.1
chr4D	IWGSC_March2017	CDS	485484411	485484917	.	-	0	Parent=TraesCS4D01G325100.1
chr4D	IWGSC_March2017	five_prime_UTR	485484918	485484964	.	-	.	Parent=TraesCS4D01G325100.1
chr6B	IWGSC_March2017	mRNA	518592000	518592464	52	+	.	ID=TraesCS6B01G287800.1;Parent=TraesCS6B01G287800;primconf=HC;secconf=HC2
chr6B	IWGSC_March2017	exon	518592000	518592464	.	+	.	Parent=TraesCS6B01G287800.1
chr6B	IWGSC_March2017	CDS	518592000	518592464	.	+	0	Parent=TraesCS6B01G287800.1
chr6A	IWGSC_March2017	mRNA	484039136	484039772	56	+	.	ID=TraesCS6A01G260500.1;Parent=TraesCS6A01G260500;primconf=HC;secconf=HC1
chr6A	IWGSC_March2017	exon	484039136	484039772	.	+	.	Parent=TraesCS6A01G260500.1
chr6A	IWGSC_March2017	five_prime_UTR	484039136	484039220	.	+	.	Parent=TraesCS6A01G260500.1
chr6A	IWGSC_March2017	CDS	484039221	484039682	.	+	0	Parent=TraesCS6A01G260500.1
chr6A	IWGSC_March2017	three_prime_UTR	484039683	484039772	.	+	.	Parent=TraesCS6A01G260500.1
chr6D	IWGSC_March2017	mRNA	343617028	343617708	56	+	.	ID=TraesCS6D01G241300.1;Parent=TraesCS6D01G241300;primconf=HC;secconf=HC2
chr6D	IWGSC_March2017	exon	343617028	343617708	.	+	.	Parent=TraesCS6D01G241300.1
chr6D	IWGSC_March2017	CDS	343617028	343617708	.	+	0	Parent=TraesCS6D01G241300.1
chr2B	IWGSC_March2017	mRNA	2116046	2116633	50	+	.	ID=TraesCS2B01G004100.1;Parent=TraesCS2B01G004100;primconf=HC;secconf=HC2
chr2B	IWGSC_March2017	exon	2116046	2116633	.	+	.	Parent=TraesCS2B01G004100.1
chr2B	IWGSC_March2017	CDS	2116046	2116633	.	+	0	Parent=TraesCS2B01G004100.1
chr2B	IWGSC_March2017	mRNA	2566039	2566626	40	-	.	ID=TraesCS2B01G004800.1;Parent=TraesCS2B01G004800;primconf=HC;secconf=HC2
chr2B	IWGSC_March2017	exon	2566039	2566626	.	-	.	Parent=TraesCS2B01G004800.1
chr2B	IWGSC_March2017	CDS	2566039	2566626	.	-	0	Parent=TraesCS2B01G004800.1
chr4B	IWGSC_March2017	mRNA	59853917	59854390	40	+	.	ID=TraesCS4B01G066900.1;Parent=TraesCS4B01G066900;primconf=HC;secconf=HC2
chr4B	IWGSC_March2017	exon	59853917	59854390	.	+	.	Parent=TraesCS4B01G066900.1
chr4B	IWGSC_March2017	CDS	59853917	59854390	.	+	0	Parent=TraesCS4B01G066900.1
chr4A	IWGSC_March2017	mRNA	558679245	558679673	50	-	.	ID=TraesCS4A01G248000.1;Parent=TraesCS4A01G248000;primconf=HC;secconf=HC1
chr4A	IWGSC_March2017	exon	558679245	558679673	.	-	.	Parent=TraesCS4A01G248000.1

chr4A	IWGSC_March2017	CDS	558679245	558679673	.	-	0	Parent=TraesCS4A01G248000.1
chr4D	IWGSC_March2017	mRNA	40819522	40820926	31	+	.	ID=TraesCS4D01G065900.1;Parent=TraesCS4D01G065900;primconf=HC;secconf=HC1
chr4D	IWGSC_March2017	exon	40819522	40819667	.	+	.	Parent=TraesCS4D01G065900.1
chr4D	IWGSC_March2017	CDS	40819522	40819667	.	+	0	Parent=TraesCS4D01G065900.1
chr4D	IWGSC_March2017	exon	40820629	40820926	.	+	.	Parent=TraesCS4D01G065900.1
chr4D	IWGSC_March2017	CDS	40820629	40820926	.	+	1	Parent=TraesCS4D01G065900.1
chr4D	IWGSC_March2017	mRNA	40817673	40818409	31	+	.	ID=TraesCS4D01G065800.1;Parent=TraesCS4D01G065800;primconf=HC;secconf=HC1
chr4D	IWGSC_March2017	exon	40817673	40818409	.	+	.	Parent=TraesCS4D01G065800.1
chr4D	IWGSC_March2017	five_prime_UTR	40817673	40817943	.	+	.	Parent=TraesCS4D01G065800.1
chr4D	IWGSC_March2017	CDS	40817944	40818381	.	+	0	Parent=TraesCS4D01G065800.1
chr4D	IWGSC_March2017	three_prime_UTR	40818382	40818409	.	+	.	Parent=TraesCS4D01G065800.1
chr4A	IWGSC_March2017	mRNA	46215300	46215665	31	+	.	ID=TraesCS4A01G055200.1;Parent=TraesCS4A01G055200;primconf=HC;secconf=HC1
chr4A	IWGSC_March2017	exon	46215300	46215665	.	+	.	Parent=TraesCS4A01G055200.1
chr4A	IWGSC_March2017	CDS	46215300	46215665	.	+	0	Parent=TraesCS4A01G055200.1
chr4B	IWGSC_March2017	mRNA	515065944	515066378	41	-	.	ID=TraesCS4B01G249400.1;Parent=TraesCS4B01G249400;primconf=HC;secconf=HC1
chr4B	IWGSC_March2017	exon	515065944	515066378	.	-	.	Parent=TraesCS4B01G249400.1
chr4B	IWGSC_March2017	CDS	515065944	515066378	.	-	0	Parent=TraesCS4B01G249400.1
chr4D	IWGSC_March2017	mRNA	418850725	418851248	30	+	.	ID=TraesCS4D01G250000.1;Parent=TraesCS4D01G250000;primconf=HC;secconf=HC1
chr4D	IWGSC_March2017	exon	418850725	418851248	.	+	.	Parent=TraesCS4D01G250000.1
chr4D	IWGSC_March2017	five_prime_UTR	418850725	418850801	.	+	.	Parent=TraesCS4D01G250000.1
chr4D	IWGSC_March2017	CDS	418850802	418851227	.	+	0	Parent=TraesCS4D01G250000.1
chr4D	IWGSC_March2017	three_prime_UTR	418851228	418851248	.	+	.	Parent=TraesCS4D01G250000.1