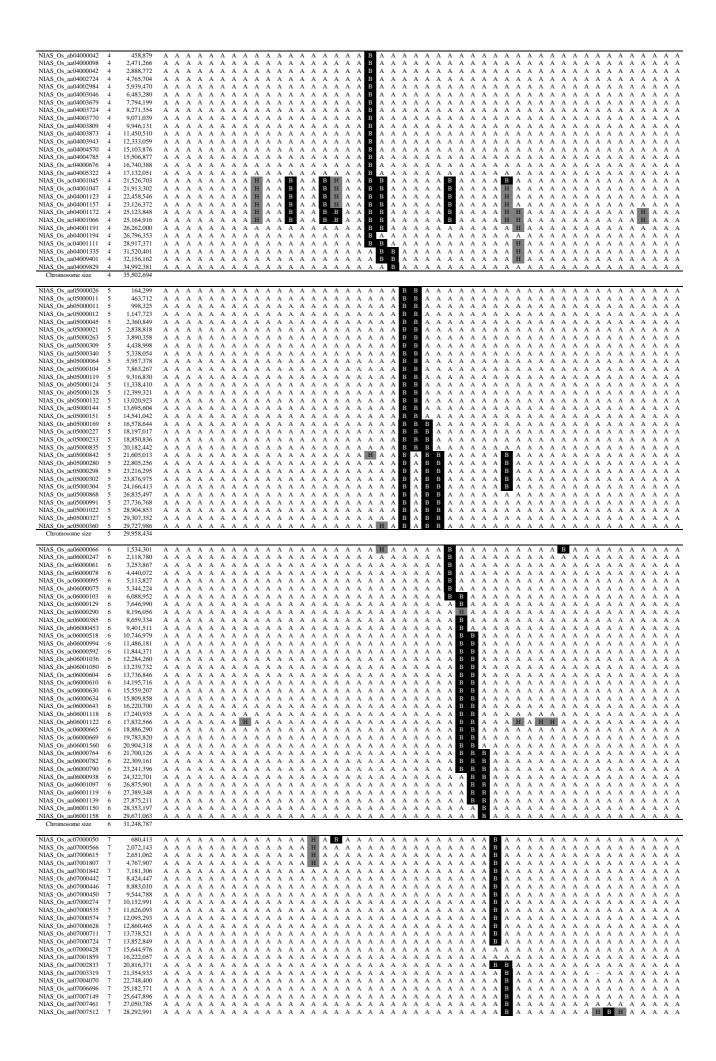
The genotype of each	Chr	Position (hn)	SL2201	-	_	SL2205				_		-		SL2214					SI 2220			SL2224	-		SL2229		SL2232 di SL2231		SL2234	SL2236 SL2235	SL2237	SL2	SL2	SL2241	SL2	SL2244 SL2243	SL2246 SL2245
		(IRGSP1.0)															SL2218																SL2239				
NIAS_Os_aa01000048 NIAS_Os_ac01000626	1	600,441 5,882,470	B	В		A A		A	A A		Α	Α	A	A A		. A	Α	Α.	A A	A A	Α	A A	A A		A A	A		. A	A	A A	A	A	A A	A A	A		A A
NIAS_Os_ac01000635 NIAS_Os_ac01000670	1	6,341,312 8,036,400	B B	В	H	A A				A A	A			A A		. A	Α		A A	A A	Α	A A	A A	A	A A	A	A A	. A	A	A A		A	A A	A A	A	A A	A A A A
NIAS_Os_ab01000535 NIAS_Os_ab01000613		8,456,106 10,352,796	B B	B H		A A A A				A A				A A	A				A A	A A		A		A			A A			A A				A A A A			A A A A
NIAS_Os_aa01005640 NIAS_Os_aa01005935		10,971,527 11,376,497	B B	H H	B B	A A			A A	A A				A A						A A				A				. A		A A				A A			A A A A
NIAS_Os_aa01006089 NIAS_Os_ab01000699	1	12,999,615 14,281,961	B B	A A		A A			A A	A A				A A					A A	A A A A		A		A						A A				A A	A A		A A A A
NIAS_Os_aa01006114 NIAS_Os_aa01006150	1	14,710,702 15,231,386	B B			A A	. A	Α		A A		A	A	A A		. A	Α	Α.	A A	A A	A	A A	A A		A A	A	A A	. A	A	A A	A		A A	A A	A	A A	A A A A
NIAS_Os_aa01006249 NIAS_Os_aa01006278	1	16,727,125 17,196,902	B B	A	В	A A	. A	Α	A A	A A	A	A	A	A A	A	A	Α	Α.	A A	A A	Α	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa01006340	1	18,110,213	В	Α	В	A A	. A	Α	A A	A A	Α	Α	A	A A	A	A	Α	Α.	A A	A A	Α	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A
NIAS_Os_aa01006478 NIAS_Os_aa01006756	1	18,589,881 19,013,746	B	A	В	H B	Н	Н	A A	A A	A	Α	Α	A A	A	. A	Α	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A
NIAS_Os_aa01006765 NIAS_Os_aa01006770	1	19,420,219 19,890,642	B B	Α	В	В В В В	Н	Н	A A	A A	Α	Α	A	A A	A	A	Α	Α.	A A	A A	Α	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa01006817 NIAS_Os_aa01006855		20,876,398 21,376,950	A			В В В В		A	A A	A A	A	Α	A	A A	١ A	A	A	Α.	A A	A A	A	A A	A A	A	A A	A	A B	Α	A B	A A	A					A A	A A A A
NIAS_Os_aa01006881 NIAS_Os_aa01006939		21,873,815 22,360,188	A	A A	A A	B B B B	H																	A					B B							A A A A	A A A A
NIAS_Os_aa01006944 NIAS_Os_aa01006950	1	22,879,044 23,283,769	A	A A	A A			A	A A	A A	Α	Α	A	A A	A	. A	Α	Α.	A A		A	A A	A A	A	A A	A		Α	B B		Α	A	A A	A A	A	A A A A	A A A A
NIAS_Os_aa01008907 NIAS_Os_aa01009804	1	24,852,511 25,548,141	A	A	Α	B B B B	В	A	A A	A A	Α	Α	A	A A	A	. A	Α	Α.	A A	A A	A	A A	A A	A	A A	A	A B	Α	В	B B	Α	A	A A	A A	A	A A	A A A H
NIAS_Os_aa01009814 NIAS_Os_aa01009851	1	25,956,417 26,880,460	A	A	Α	B B B B	В	A A	A A	A A	A	Α	Α	A A	A	. A	Α	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A H A A
NIAS_Os_aa01009864 NIAS_Os_aa01009961	1	27,278,843	Α	A	Α	В В	В	Α	A A	A A	Α	Α	A	A A	_ A	A	Α	Α.	A A	A A	Α	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A
NIAS_Os_aa01010071	1	28,176,700 29,045,887	A	A		A B	В		A A	A A	A	Α	A	A A	ı A	. A	Α	Α.	A A	A A	A	A A	A A	A	A A	A	H A	. A	A	A A	A	A	A A	A A	A	A B A B	A A
NIAS_Os_aa01010082 NIAS_Os_aa01010136	1	29,623,322 30,476,860	Α		Α .	A B	В	Α	A A	A A	Α	Α	A	A A	A	A	Α	Α.	A A	A A	Α	A	A A	A	A A	A	H A	. A	A	A A	A	Α	A A	A A	A	A B	A A A A
NIAS_Os_aa01010144 NIAS_Os_aa01010148	1	31,636,946 32,690,812	A	A A		A B			A A															A										A A		A B A B	A A A A
NIAS_Os_aa01010802 NIAS_Os_aa01010864		36,026,521 37,961,702	A A		A A	A B		В	A A	A A	A	A	A	A A	A	. A	Α	Α.	A A		A	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A			A A A A	A A A A
NIAS_Os_aa01010915 NIAS_Os_aa01010935	1	38,561,708 39,465,412	Α	A	A A	A B	Α		A A	A A	Α	Α	A	A A	A	. A	Α	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa01010937 NIAS_Os_aa01010967	1	40,048,333 41,922,336	Α	Α	Α .	A B	Α	В	A A	A A	A	A	A	A A	A	A	Α	Α.	A A	A A	Α	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_ab01001306 Chromosome size		42,964,608 43,270,923		A	A	A		В																													A A
NIAS_Os_aa02000049	2	2,633,802	Δ	A	A	A A	. A	A	н	Τ Δ	A	A	A	A A	A	Δ	A	Α .	A A	Δ Δ	Δ	Δ .	Δ Δ	. A	Δ Δ	A	A A	. A	A	ΔΔ	A	A	Α Α	A A	A	A A	A A
NIAS_Os_aa02000707	2	5,602,214	Α	A	Α .	A A	. A	Α	В	3 A	Α	Α	A	A A	A	A	Α	Α.	A A	A A	Α	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A
NIAS_Os_aa02000715 NIAS_Os_ab02000190	2	6,104,069 6,521,893	A	Α	Α .	A A	. A	Α	В	B A		A	A	A A	A	A	Α	Α.	A A		Α	A	A A	. A	A A	A	A A	. A		A A		A	A A	A A	A	A A	A A
NIAS_Os_ac02000125 NIAS_Os_ac02000133	2	7,792,233 8,284,911	A			A A		Α		3 B				A A					A A	A A		A A		A	A A A A	A	A A	. A	A	A A			A A	A A			A A A A
NIAS_Os_aa02000772 NIAS_Os_aa02000828	2	9,597,460 10,527,869	A			A A A A			В	3 B 3 B	Α			A A						A A		A A				A	A A	. A		A A				A A A A			A A A A
NIAS_Os_aa02000854 NIAS_Os_ab02000785		10,919,777 11,385,543	A			A A			B I	B A B				A A					A A			A		A								A		A A			A A A A
NIAS_Os_ac02000212 NIAS Os ab02000310		13,521,478 13,529,619	A	A A		A A			B A	A B				A A					A A	A A		A		A			A A		A A		A			A A			A A A A
NIAS_Os_ac02000216 NIAS_Os_ab02000319	2	15,330,608 16,039,888	A	A A		A A	. A	Α	В	A B			A A	A A						A A	A			. A A	A A	A	A A	. A		A A	A			A A			A A A A
NIAS_Os_ab02000329 NIAS_Os_ab02000380	2	16,824,914 19,180,221	Α		Α .	A A	. A	Α	В	A B	Α	A	A	A A		A	Α	Α.	A A	A A A A	Α	A	A A	A	A A	A		. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa02001238 NIAS_Os_aa02001425	2	20,979,892 22,142,485		Α	Α .	A A	. A	Α	A A	A A	В	A	A A	A A	A	. A	Α	Α.	A A	A A	A	A A	A A		A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa02001544	2	22,533,278	Α	A	Α .	A A	. A	Α	A A	A A	В	Α	A	A A	A	. A	Α	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A
NIAS_Os_aa02001836 NIAS_Os_aa02002928	2	24,289,610 25,592,080	Α	A	Α .	A A	. A	Α	A A	A A	B	В	Α	A A	A	. A	Α	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	A	A A	A	A	H /	A A	A	A A	A A
NIAS_Os_aa02003183 NIAS_Os_aa02003208	2	26,983,404 27,859,855	Α	A	Α .	A A	. A	Α	A A		В	В	A	A A	A	A	Α	Α.	A A	A A	Α	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa02003526 NIAS_Os_aa02003537	2	30,499,110 31,091,981	Α	A	Α.	A A	. A	Α	A A	A A	A	В	Α	A A	A	. A	Α	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	Α	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa02003577 NIAS_Os_aa02003782		32,133,628 32,723,792					A					B B	A A	A A	A	A	A	A .	A A	A A	A A	A A	A A	A	A A A A	A	A A	B	A A	A A	A	A	A A	A A A A	A A	A A	A A A A
NIAS_Os_aa02003883 NIAS_Os_aa02004112		33,778,830 35,685,508	A A	A A	A A	A A	. A	A A	A A	A А A А	A A	В	A	A A	١A	. A	Α	Α.	A A	A A	Α	A A	A A	. A	A A	A	A A	. A	A	A A	. A	A	A /	A A	A	A A	A A A A
Chromosome size	2	35,937,250																																			
NIAS_Os_aa03000001 NIAS_Os_aa03000026	3	198,008 1,214,126		A	Α .	A A	. A	A	A A	A A	A	Α	В	A A	A	. A	Α	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa03000452 NIAS_Os_aa03000455	3	1,763,199 2,196,417	Α	A	Α .	A A	A	A	A A	A A	A	Α	В	A A	A	A	Α	Α.	A A	A A	Α	A	A A	A	A A	A	A A	. A	Α	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa03000513 NIAS_Os_ac03000061	3	4,468,103 5,008,708	A	A	Α.	A A	. A	A	A A	A A	Α	Α	В	B A	A	A	Α	Α.	A A	A A	A	A I	I A	A	A A	A	AB	Н	Α	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_ab03000076 NIAS_Os_ac03000074	3	5,598,569 6,149,232	Α	Α	Α .	A A	. A	Α	Α /	A A	Α	Α	R	R E	A	A	Α	A	Α .	A A	Α	Α .	Δ Δ	Α	A A	Α	A B	н	A	A A	. A	Α	A /	A A	Α	A A	A A
NIAS_Os_ac03000079 NIAS_Os_ab03000088	3	6,711,250 6,742,377	A	A	A	A A	A	A	A A	A A	A	A	B B	B E	A	A	A	A	A A	A A	A	A	A A	A	A A	B	A B	A	A	A A	A	A	A A	A A	A	A A	A A A A A A A
NIAS_Os_ac03000086 NIAS_Os_ab03000111	3	7,797,324 8,200,582	A	A	A	A A	. A	A	A A	A A	A	A	В	B A	A	A	A	Α .	A A	A A	A	A	A A	A	A A	В	H A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa03000528	3	9,964,227	Α	A	Α .	A A	. A	A	A A	A A	A	A	В	B A	· A	A	A	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	A	A A	A	H	A A	A A	A	A A	A A
NIAS_Os_aa03000667 NIAS_Os_aa03000871	3	11,214,068 14,283,311	A	A	A	A A	A	A	A	A A	A	A	A	B A	A																						A A
NIAS_Os_ab03000375 NIAS_Os_ac03000493	3	15,958,191 17,359,999	Α	A	Α .	A A	A	A	A A	A A	A	Α	A	B E	B	A	A	A .	A A	A A	A B	A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A A A A A A A A A A A A A A A A
NIAS_Os_aa03002110 NIAS_Os_aa03002121	3	18,462,395 18,876,501	Α	A	Α .	A A	A	A	A A	A A	Α	Α	Α	B E	В	A	A	A .	A A	A A	B B	A	A A	. A . A	A A	A	A A	. A	A A	A A	A	A A	A A	A A	A A	A A	A A A A
NIAS_Os_aa03002153 NIAS_Os_aa03002208	3	19,543,200 21,346,390	Α	Α	Α.	A A	A	Α	A A	A A	Α	Α	Α	B E	В	A	A	A .	A A	A A	B B	A A	A A	. A . A	A A	A	A A	. A	A A	A A	A	A A	A A	A A	A A	A A A A	A A A A
NIAS_Os_ac03000537 NIAS_Os_aa03002290		21,904,729 22,448,146	A A	Α	Α.	A A	A	A	A A	A A	A	Α	A		B	A A	A A	A A	A A	A A A A	B B	A A	A А A А	. A . A	A A	A A	A A	. A . A	A A	A A	A	A A	A A	A A A A	A A	A A A A	A A A A
NIAS_Os_ac03000554 NIAS_Os_ac03000561	3	22,868,501 23,273,335	A A	Α	Α.	A A	A	Α	A A	A A	A	A	Α	B E	B	A A	A A	A A	A A	A A	B B	A A	A A	. A . A	A A	A	A A	. A . A	A A	A A	A	A A	A A	A A	A A	A A A A	A A A A
NIAS_Os_ac03000587 NIAS_Os_ab03000476	3	23,752,731 24,809,591	Α	A	Α.	A A	. A	A	A A	A A	A	Α	A	B E	B																						A A A A
NIAS_Os_ac03000633 NIAS_Os_ac03000652	3	25,722,435 26,244,518	Α	A	Α .	A A	. A	A	A A	A A	A	A	A	A	B	В	В	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa0300032 NIAS_Os_aa03002391 NIAS_Os_aa03002463	3	27,955,288 29,085,775	Α	A	Α .	A A	. A	A	A A	A A	A	Α	A	A	B	В	В	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_ac03000684	3	30,758,408		A	A	A A	A	A	A I	A A	A	A	A	A	A	A	В	A .	A	A A	A	A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	AA	A A A A
NIAS_Os_ac03000699 NIAS_Os_ac03000703	3	31,592,905 32,437,613	Α	A	Α .	A A	. A	A	A A	A A	A	A	A	A	A	. A	В	Α.	A A	A A	A	A A	A A	. A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A
NIAS_Os_ab03000579 NIAS_Os_aa03002610	3	32,977,586 33,549,681	Α	A	Α .	A A	. A	A	A A	A A	A	A	A	A	A	. A	В	Α.	A A	A A	A	A A	A A	A	A A	A	A A	. A	A	A A	A	A	A A	A A	A	A A	A A A A
NIAS_Os_aa03002659 NIAS_Os_aa03002705	3	34,097,328 34,611,745	A	A A	A A	A A	A	A A	A A	A A	A	A A	A A	A I	A	A	B B	A .	A A	A A A A	A A	A A	A A	A	A A A A	A	A A	. A	A A	A A	A	A A	A A	A A	A A	A A A A	A A A A A A
NIAS_Os_aa03002737 NIAS_Os_aa03002773	3	35,128,028 36,353,850	A A	A A	A A	A A A A	. A	A A	A A	A A A A	A A	A A	A A	A I	A A	A A	B B	A .	A A	A A A A	A A	A A	A A A A	_A _A	A A <u>A</u> A	A A	A A	. A	A A	A A	. A	A A	A A	A A A A	A	A A A A	A A A A
Chromosome size	3	36,413,819																																			



NIAS_Os_aa07007522 7 Chromosome size 7	29,064,675 29,697,621	A A	A A	A A	A A	A	A A	Α /	A A	A A	A A	Α /	A A	A	A A	Α	A A	A	A A	A A	В	A A	Α .	A A	Α .	АН	В	В	A B	ВН
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