

**Table S1.** Identity and origin of the sequences analysed in the study.

<b>GenBank Accession No<sup>1</sup></b>	<b>Name/Geographic origin</b>	<b>Genotype</b>	<b>Reference</b>
OK631885	1PZ/Pavlodar	4	This paper
OK631886	10PJ/Pavlodar	7	This paper
OK631887	12PP/Pavlodar	7	This paper
OK631888	15PK/Pavlodar	7	This paper
OK945955	K1/Kostanay	4	This paper
OK945956	K2/Kostanay	4	This paper
OK945957	K3/Kostanay	4	This paper
OK945958	K5/Kostanay	4	This paper
OK945959	K8/Kostanay	4	This paper
OK945960	K11/Kostanay	4	This paper
OK945961	K12/Kostanay	4	This paper
OK945962	K14/Kostanay	4	This paper
OK945963	15_CKO/North Kazakhstan	4	This paper
OK945964	14be_CKO/ North Kazakhstan	4	This paper
OK945965	461_CKO/North Kazakhstan	4	This paper
OK945966	466_CKO/North Kazakhstan	4	This paper
OK945967	479_CKO/North Kazakhstan	7	This paper
OK945968	484_CKO/North Kazakhstan	4	This paper
OK945969	2K_CKO/North Kazakhstan	4	This paper
OK945970	12K_CKO/North Kazakhstan	7	This paper
OK945971	32K_CKO/North Kazakhstan	4	This paper
OK945972	50K_CKO/North Kazakhstan	4	This paper
OK945973	49_Bag/Bagration/East Kazakhstan	4	This paper
OK945974	7S_BKO/ Sredigornoje/East Kazakhstan	12	This paper
OK945975	9S_BKO/ Sredigornoje/East Kazakhstan	12	This paper
OK945976	14D_BKO/ Dorodnica/East Kazakhstan	12	This paper
OK945977	15D_BKO/ Dorodnica/East Kazakhstan	12	This paper
OK945978	3D_BKO/ Dorodnica/East Kazakhstan	4	This paper
OK945979	8D_BKO/ Dorodnica/East Kazakhstan	4	This paper
OK945980	17D_BKO/Dorodnica/ East Kazakhstan	7	This paper
OK945981	1be_BKO/ East Kazakhstan	4	This paper
OK945982	2be_BKO/ East Kazakhstan	4	This paper
OK945983	11be_BKO/ East Kazakhstan	7	This paper
OK945984	13be_BKO/ East Kazakhstan	4	This paper
OK945985	17be_BKO/ East Kazakhstan	4	This paper
OK945986	12_AZM/Almaty	4	This paper
OK945987	10_ALM/Almaty	4	This paper
OK945988	4Z_ALM/Almaty	4	This paper
OK945989	26_AT/Almaty	4	This paper
OK945990	37_AKM/Almaty	4	This paper
OK945991	459_CKO/North Kazakhstan	4	This paper
M35242.1	FLKBLV/USA	1	[1]
D00647.1	pBLV-A1/Australia	1	[2]
LC080654.1	lima40/Peru	2	[3]
AF257515.1	Argentina	2	[4]

KP201465.1	GBGS-12/South_Korea	3	[5]
EF065648.1	USCA-2/USA	3	[6]
M35238.1	LB59/France	4	[1]
KF801459.2	8MD/Moldova	4	[7]
EU262575.1	301_PL/Poland	4	[8]
HM563774.1	68_PL/Poland	4	[8]
M35240.1	LB285/Belgium	4	[1]
LC498580	DZ1.4/Egypt	4	[9]
MN966688.1	K1170/South Africa	4	[10]
LC060794.1	BLV_Mongolia-3/Mongolia	4	[11]
LC060795.1	BLV_Mongolia-4/Mongolia	4	[11]
HQ902258.1	1_BY/Belarus	4	[8]
MG204552.1	IR-Esfahan/Iran	4	[12]
HM563781	4_2_UA/Ukraine	4	[8]
AY515273	96/Chile	4	[13]
AF033818	USA	4	Direct submission by Chappey (1997)
FJ808596.1	LS-SFB/Argentina	4	[14]
LC193462.1	BLV-Zambia01-2016/Zambia	4	[15]
MK820044.1	B3008/China	4	[16]
U87872.1	3/Germany	4	[17]
EF065643.1	CRLV/Costa_Rica	5	[6]
EF065645.1	CRAG-1/Costa_Rica	5	[6]
AY185360.2	151/Brazil	6	[18]
LC080656	par62/Paraguay	6	[3]
AY515274.1	14/Chile	7	[13]
HM563761	3_1_UA/Ukraine	7	[8]
HM563749	5_RU/Russia	7	[8]
EU262555.1	151_PL/Poland	7	[8]
JN695879.1	9V/Russia,Vologda	7	Direct submission by Lomakina (2014)
JQ686119.1	NK13/Russia,Novosibirsk	7	Direct submission by Lomakina (2013)
S83530.1	I2/Italy	7	[19]
LC060801.1	BLV_Mongolia-10/Mongolia	7	[11]
KF801467	1MD/Moldova	7	[7]
KF801464	14MD/Moldova	7	[7]
HM563764.3	4-6/Ukraine	8	[8]
JQ675760.1	pr72/Russia	8	Direct submission by Lomakina (2013)
LC080668.1	por28/Bolivia	9	[3]
LC080659.1	mon1/Bolivia	9	[3]
KU233561.1	Thai_Saraburi_I_Thailand	10	[20]
LC154064.1	L2/ Myanmar	10	[21]
KU764746.1	E101/China	11	[22]
KU764747.1	E102/China	11	[22]

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