

Appendix A Genotypes code, name and pedigree of 105 bread wheat genotypes

Code	Name	Pedigree
G1	9493	LU26'S'/Pb96
G2	9496	5039/Rawal87
G3	9508	5039/Pb96
G4	9515	4770/Pb76
G5	9610	Pasban90/4943
G6	9618	Pb96/Pasban90
G7	9675	N/A
G8	9707	8060/Rawal87
G9	9736	Inq91/30th SAWSN 30 (1998-99)
G10	9796	N/A
G11	9797	N/A
G12	9869	N/A
G13	9870	N/A
G14	9877	9244/PBW222
G15	9883	9244/Iqbal2000
G16	9930	N/A
G17	9970	DN49/ Seher06
G18	9889	9244/Parwaz94
G19	9970	DN49/Seher06
G20	9764	WLRG 3 1-8 (1993-94)/5039
G21	BWL-812	C 591/RN//JN/3/CHR/HD 1941
G22	PBW-175	HD2160/4/JN/GAGE//JN/KALYANSONA/3/V-18/C-273; HD-2160/WG-1025;
G23	Anza	LERMA-ROJO-64//NORIN-10/BREVOR/3/3*ANDES-ENANO
G24	PBW 222	NP 890 /HD 2160
G25	HD 2307	HD-2160/116-1-3
G26	DPW-621-50	KAUZ//ALTAR-84/(AOS)AWNED-ONAS/3/MILAN/KAUZ/4/HUITES
G27	PBW 343	Attila
G28	HD 2967	ALD/COC//URES/HD2160M/HD2278
G29	BWL-1793	ND/VG9144 //KAL/BB/3/YCO"S'/4/VEE#5 "S'
G30	BWL-9022	N/A
G31	BWL-0924	N/A
G32	C-78711	N/A
G33	C-252782	N/A
G34	BWL-1771	N/A
G35	C-252874	N/A
G36	C-252803	N/A
G37	C-118737	N/A
G38	C-128196	N/A
G39	10111	N/A
G40	C-212185	N/A
G41	C-32586	N/A
G42	C-532653	N/A
G43	C-437081	N/A
G44	10115	N/A
G45	BWL-0814	N/A
G46	Sonara-64	N/A
G47	PBN-51	N/A
G48	C-586642	N/A

G49	Sakha	INIA-66(S)/NAPO-63
G50	PBW 621	KAUZ//ALTAR-84/(AOS)AWNED-ONAS/3/MILAN/KAUZ/4/HUITES
G51	10117	N/A
G52	Bareukee	N/A
G53	Redfiled	N/A
G54	Gutha	GAMENYA//GABO*3/KHAPSTEIN(M-146)/3/FALCON*3/CHILE.
G55	Sunstar	CONDOR,AUS/4/2*WW-15/3/STEINWEDEL/YAROSLAV-EMMER//LA-PREVI SION
G56	Watan	LU26/HD 2179
G57	AARI-2011	SH-88/90A-204//MH97
G58	Aas-2011	PRL/PASTOR//2236
G59	Abadgar-93	PSN/BOW
G60	Anmol-91	KVZ/TRM//PTM/ANA
G61	Chakwal-86	FORLANI/ACC//ANA or FlN/ACS//ANA
G62	Uqab-2000	CROW'S'/NAC//BOW'S'
G63	Bahawal-97	PFAU'S'/SERI
G64	Bwp-2000	AU/UP301//GLL/Sx/3/PEW S/4/MAI S/MAY A S//PEWS
G65	Bakhtawar-94	Mentana/Mayo//4-11
G66	Bakhar-2002	P102/PIMA/F371/TTR/BOW/3/PVN
G67	Bakhtawar-93	AU/UP301//GLL/SX/3/PEW/4/MAI/MAYA//PEW
G68	Pasban-90	INIA F66/TH.DISTICHUM//INIAF66/3/GENARO T81 or INIA F66/A.DISTICHUM//INIA66/3/GEN
G69	Bathoor-2008	URES/JUN//KAUZ
G70	Chakwal-50	ATTILA/3/HUI/CARC//CHEN/CHTO/4/ATTILA
G71	AS-2002	KHP/D31708//CMH74A370/3/ENO79/4/R26043/*4NAC
G72	Chakwal-97	BUC'S'/FCT'S'
G73	Shafaq-2006	LU 26/HD 2179/ 2*INQALAB 91
G74	Fakhar-e-Sarhad	NORD-DESPREZ(ND)/VG-9144//KALYANSONA/BLUEBIRD/3/YACO/4/VEER Y-5
G75	Fareed-2006	PT'S'/3/TOB/LFN//BB/4/BB/HD-832-5//ON/5/G-V/ALD'S'//HPO
G76	FSD-2008	PBW65/2*Pastor
G77	Millat-2011	CHENAB2000/INQ-91
G78	FSD-85	MAYA/MON//KVZ/TRM
G79	GA 2002	DWL5023/SNB//SNB
G80	Galaxy-2013	Pb96/Watan/MH-97
G81	Gomal-2008	Attila
G82	Hashim-2008	JUP/ALD'S'//KLT'S'/3/VEE'S'/6/BEZ//TOB/8156/4/ON/3/6*TH/KF//6*LEE/KF/---- -----
G83	Inq-91	WL 711/CROW "S"
G84	Iqbal-2000	BURGUS/SORT 12-13//KAL/BB/3/PAK 81
G85	Kaghan-93	TTR/JUN
G86	Khyber-87	KVZ/TRM//PTM/ANA
G87	Kohistan-97	V-1562//CHRC'S'/HORK/3/KUFRA-I/4/CARPS'/BJY'S'
G88	Kohinoor-83	ORE F1 158/FDL//MFN/2*TIBA63/3/COC
G89	Kohsar-95	PSN/BOW
G90	Lasani-2008	LUAN/KOH-97
G91	Ufaq-2002	V.84133/V83150
G92	Marvi-2000	CMH-77A917/PKV 1600//RL6010/6*SKA
G93	Maxi-Pak 65	PJ/GB55
G94	Mehran-89	KVZ/BUHO//KAL/BB
G95	MH-97	Attila

G96	FSD-83	FURY//KAL/BB
G97	Mairaj-08	SPARROW/INIA//V.7394/WL711/3/BAUS
G98	Moomal-2002	BUC or BUCS/4/TZPP/IRN46
G99	Margalla-99	OPATA/BOW'S'
G100	NARC-2009	INQALAB 91*2/TUKURU
G101	Nifa-barsat 2010	FRET2
G102	Nowshera-96	BUC/FLK//MYNA/VUL
G103	Pak-81	VEERY.
G104	Parwaz-94	V.5648/PARULA or V.5648/PRL
G105	BARS-2009	PFAU/SERI//BOW

