

Marker Assisted Gene Prospecting of the AVT final year (2022-23) entries and checks

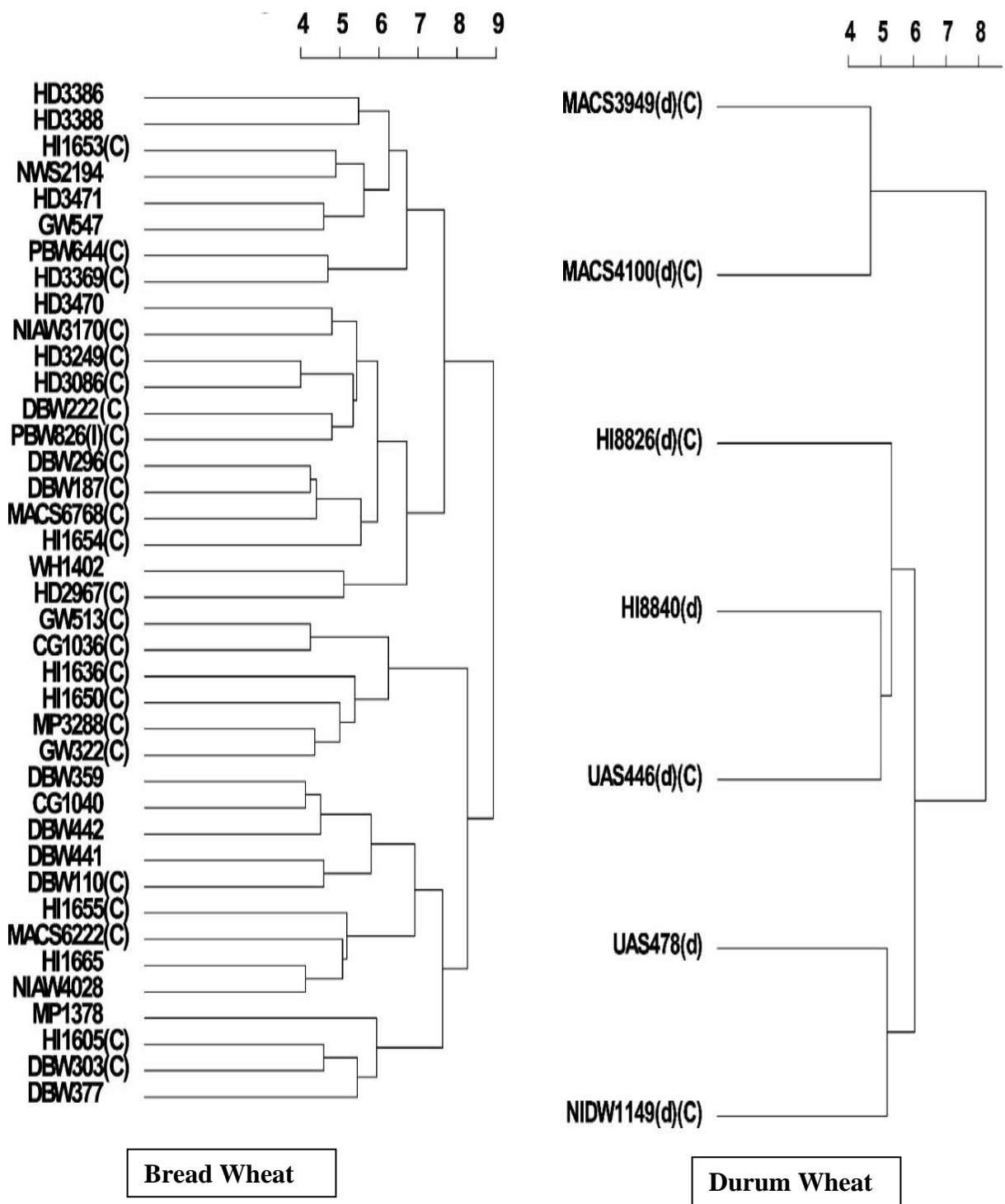


Figure: Dendrogram showing diversity among AVT final year entries and checks

Table : Profile of AVT final year entries and checks generated usingSTS / AS-PCR markers

AVT Entries / Checks	WxB1		DREB	Vp1B3		Lr10	Lr34		Ppd-D1		VrnA1A	VrnA1bR2	DuPW004		Almt		
	425	690	700	569	652	300	150	230	228	414	965	1068	250	350	426	706	836
HD3386	-	-	+	+	-	-	-	+	+	-	+	-	+	-	+	-	-
HD3470	+	+	+	+	-	+	-	+	+	-	+	-	+	+	+	-	-
WH1402	+	+	+	+	-	+	-	+	+	-	-	-	+	+	+	+	-
PBW644(C)	+	+	+	+	-	-	+	-	+	-	-	-	+	+	+	-	-
DBW296(C)	+	-	+	-	+	-	-	+	+	-	-	-	+	+	+	-	-
HI1653(C)	+	+	+	+	-	+	-	+	+	-	+	-	+	-	-	-	-
HI1654(C)	+	+	+	+	-	+	-	+	+	-	+	-	+	+	+	-	-
HD3388	+	-	-	+	-	+	-	-	+	-	+	-	+	+	-	-	-
HD3471	+	-	+	+	+	+	-	+	-	-	+	-	+	-	+	-	-
HD3249(C)	+	+	+	-	-	+	-	+	+	-	-	-	+	-	+	-	-
HD3086(C)	+	+	+	+	-	+	-	+	+	-	-	-	+	+	+	-	-
HD2967(C)	+	+	+	-	-	-	-	+	-	-	-	-	+	+	+	-	-
DBW222(C)	+	+	+	-	-	+	-	+	+	-	+	-	+	+	+	-	-
PBW826(I)(C)	+	+	+	-	-	+	-	+	+	-	-	-	+	+	+	+	-
NWS2194	+	+	+	+	-	+	-	+	+	-	+	-	+	-	-	-	-
GW513(C)	+	-	+	+	-	-	-	+	+	-	-	-	+	-	+	-	-
HI1636(C)	+	+	+	+	-	-	-	+	+	-	+	+	+	+	+	-	-
HI1650(C)	+	-	+	+	-	-	+	+	+	-	+	-	+	+	+	+	-
MACS6768(C)	+	+	+	-	-	-	-	+	+	-	-	+	+	+	+	-	-
DBW359	+	+	+	-	-	-	-	+	+	-	-	-	+	+	+	-	-
DBW441	+	+	+	+	-	-	-	+	+	-	+	+	+	+	+	+	-
DBW442	+	+	+	+	-	-	-	+	+	-	-	+	+	+	+	+	-
CG1040	+	+	+	+	-	-	-	-	+	-	-	-	+	+	+	-	-
MP3288(C)	+	+	+	+	-	+	-	+	+	-	+	-	-	+	+	-	-
DBW110(C)	+	-	-	+	-	-	-	+	+	-	+	-	+	+	+	+	-
CG1036(C)	+	-	-	+	-	-	-	+	+	-	+	+	-	-	+	-	-
HI1655(C)	+	-	-	+	-	-	-	+	+	-	+	-	+	+	+	-	-
MP1378	-	-	-	-	+	-	-	+	+	-	+	+	+	-	+	+	-
MACS6222(C)	+	+	+	+	-	-	+	-	-	-	+	-	+	-	+	-	-
HI1665	+	+	+	-	-	-	-	+	+	-	+	-	+	+	+	-	-
NIAW4028	+	+	+	+	-	+	-	+	-	-	+	-	+	+	+	-	-
HI1605(C)	+	+	+	+	+	-	-	+	-	+	-	-	+	+	+	-	-
NIAW3170(C)	+	+	+	+	-	+	-	+	-	-	+	-	+	+	+	-	-
DBW377	+	+	+	-	+	-	-	+	+	-	-	-	+	-	+	-	-
DBW187(C)	+	+	+	-	+	-	-	+	+	-	-	-	+	+	+	-	-
DBW303(C)	+	-	+	+	-	-	-	+	+	-	-	-	+	-	-	-	-
GW322(C)	+	+	+	+	-	-	-	+	+	-	+	-	+	+	-	-	-
HD3369(C)	+	-	+	-	-	-	-	-	+	-	-	-	+	+	-	-	-
GW547	+	-	+	-	-	+	-	-	+	-	+	-	+	-	-	-	-