Table 2 Allelic profiles of SSR markers closely linked to amino acid level modifier genes (responsible for eEF1A and FAA levels) and endosperm hardness modifier gene within analyzed normal and opaque2 maize inbred lines

Primer	Ch..	Effect	Allele	B73	Oh43	B73o2	Oh43o2	802	803	817	804	815	822	CML144
			1										+	
			2					+			+	+		+
Bnlg2248	2S	eEF1A	3	+		+	+							
			4		+									
			5						+	+				
			1							+				
			2							+				
			3		+		+							
Bnlg1633	2L	FAA	4			+		+	+	+		+	+	
			5					+	+		+			+
			6		+	+	+					+	+	
			7	+	+	+	+	+	+	+	+	+	+	+
			1					+			+			+
Phi072	4S	eEF1A	2	+	+	+	+		+	+		+	+	
			1	+	+	+	+					+		
Phi075	6S	eEF1A	2					+	+	+	+		+	+
			1						+	+			+	
			2								+			
Mmc0241	6S	eEF1A	3						+	+			+	
			4	+	+	+	+	+			+	+		
			5											+
		endosperm	1	+	+	+	+	+	+	+	+	+	+	+
Umc1216	7S	hardness												