

Supporting Information Table S3.

Hvu FLcDNA	Hvu Morex cDNA	Tae FLcDNA	wheat cDNAs (UK 454)	No. Brachypodium genes
+	+	+	+	8,177
+	+	+	-	804
+	+	-	+	3,872
+	+	-	-	1,674
+	-	+	+	148
+	-	+	-	74
+	-	-	+	130
+	-	-	-	199
-	+	+	+	1,040
-	+	+	-	347
-	+	-	+	1,709
-	+	-	-	1,869
-	-	+	+	219
-	-	+	-	199
-	-	-	+	594
with at least one				21,055
-	-	-	-	5,839
Total				26,894

Hvu FLcDNA: barley full-length cDNAs

Hvu Morex cDNA: gene models

annotated in the barley Morex genome

Tae FLcDNA: wheat full-length cDNAs

wheat cDNA(UK454): wheat gene

models of a shotgun genome assembly