

Table 3. Homologous EST hits from GenBank

Motif	Genbank GI No. of ESTs
E1	<u>5843677</u> ¹ , 21377108 ² , 18257159 ² , <u>906292</u> ¹ , 9609685 ² , 9363004 ² , <u>8725610</u> ² , 13119940 ² , 13117218 ¹ , 9609609 ¹ , 22261008 ² , 19878767 ²
E2	16310275
E3	19877001
2	24047454 ^{#2} , 22934063 ^{#3} , 9278726 ^{#4}
7	19798907 [#]
9	<u>8723927</u> [#] , 8716394 [#] , 5851413 [#] , 8724987, 26019636 ¹ , <u>8726119</u> ^{#1} , <u>8723277</u> ¹ , 28617714 ¹ , 27446064 ¹ , 18734995 ¹ , 17021688 ¹ , 16347988 ¹ , 22525500 ¹ , 13480528 ¹ , 22525278 ¹ , 15200035 ¹ , 10232029 ^{#1} , 21285929 ¹ , 17518756 ¹ , 10236319 ¹ , 9899127 ¹ , 10709579 ¹ , <u>8685347</u> ¹ , 5820271 ¹
10	19805828 [#] , <u>8723927</u> [#] , 8715463 [#] , 5843769 [#] , 8716394 [#] , 19824493 ^{#1} , 19836808 ^{#1} , 8702130 ^{#1} , 8703249 ^{#1} , 8703516 ^{#4}
12	23999937 ² , 24012501 ² , 24009684 ² , 19876981 ²

Note: The superscript digits indicate the number of mismatches over C-terminal motifs at nucleotide level. Those incomplete ESTs without reaching Myb domains are indicated by #. Motif 14 and 15 from *CDC5* genes detected >100 ESTs not listed here. This result indicates that *CDC5* genes play an essential role in cell division cycle and are highly expressed in organisms. Underlined ESTs are identical over length to a Myb gene in the training data. (We assume a few mismatches as sequencing error if any.)