

**More Information for GDV19002:**

Nusrat Sultana\*, Gerhard Menzel, Kathrin M. Seibt, Sònia Garcia, Beatrice Weber, Sedat Serçe, and Tony Heitkam\*. Genome-wide analysis of long terminal repeat retrotransposons from the cranberry *Vaccinium macrocarpon*. Submitted to Journal of Berry Research (ISSN print 1878-5093, ISSN online 1878-5123).

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**Description of file(s) on GDV:**

These files contain the reverse transcriptase protein domain sequences of Ty3-gypsy and Ty1-copia long terminal repeat (LTR) retrotransposons, extracted from the publicly available assembled database for *Vaccinium macrocarpon* Aiton (GenBank assembly accession: GCA\_000775335.1)

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**File name**

Amino\_acid\_sequence\_alignment\_Ty3-gypsy\_RT\_Elements.fasta

Amino\_acid\_sequence\_alignment\_Ty1-copia\_RT\_Elements.fasta

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There are also files containing the full-length LTR-sequences *V. macrocarpon* cultivar 'Ben Lear' (also see Table 1 on page 2).

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**File name**

Ty3\_gypsy\_28\_full\_length\_elements\_cranberry.fasta

Ty1\_copia\_26\_full\_length\_elements\_cranberry.fasta

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**Table 1.** Repeat specific name of full-length reconstructed sequences of Ty3-*gypsy* and Ty1/*Copia* elements from *V. macrocarpon* cultivar ‘Ben Lear’

Elements name	Elements
SCL5_Ale	Ty1- <i>Copia</i>
SCL22_Ale	
SCL110_Ale	
SCL112_Ale	
SCL288_Ale	
SCL129_Alesia	
SCL344_Alesia	
SCL35_Angela	
SCL79_Bianca	
SCL42_Ivana	
SCL178_Ivana	
SCL310_Ivana	
SCL13_TAR	
SCL26_TAR	
SCL44_TAR	
SCL98_TAR	
SCL182_TAR	
SCL183_TAR	
SCL101_Tork	
SCL37_Tork	
SCL173_Tork	
SCL243_Tork	
SCL12_Tork	
SCL89_Tork	
SCL52_Tork	
SCL15_Ogre	
SCL16_Ogre	
SCL27_Ogre	
SCL32_Ogre	
SCL49_Ogre	
SCL57_Ogre	
SCL75_Ogre	
SCL18_TatV	
SCL46_TatV	
SCL55_TatV	
SCL59_TatV	
SCL64_TatV	
SCL111_TatV	
SCL6_Athila	
SCL34_Athila	
SCL36_Athila	
SCL100_Athila	
SCL125_Tekay	
SCL28_Tekay	
SCL31_CRM	
SCL56_CRM	
SCL80_CRM	
SCL213_Galadriel	
SCL214_Galadriel	