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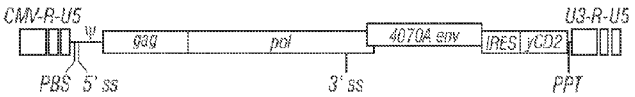


FIGURE 1A

(57) **Abstract**: This disclosure provides modified cytosine deaminases (CDs). The disclosure further relates to cells and vector expressing or comprising such modified CDs and methods of using such modified CDs in the treatment of disease and disorders.

WO 2010/045002 A3