SPLICEOSOME Spliceosome components 5' splice site Branch point 3' splice site U2U4/U6 U5 U1 pre-mRNA AG Exon Exon GU K14276 K14277 K14278 K14279 K14280 K11086. K11086. K11092 K12852. K11093 K12621. K12820 Intron U1 K11091 K11094 K11086. K12854 mRNA K12825.. K11095 K12843 K12855 K12828.. K12662 K12856 U1 related U1 [U2]Common K12857 K09567 K12821 U2 related components K12844 K12858 K12822 K12836.. (U6) K12845 K12859 K12811 K12818 K12823 K12838 (US) U4/U6.U5 K12812 K12824 K12839 tri-SnRNP associated K12840 K12846 K12841 K12847 U1 K12842 K11984 U4/U6.U5 tri-snRNP Post-spliceosomal complex K12820 K12848 complex A *(*1241) K12818 K19604 EJC/ TREX K12849. K12819 K12816 2nd step K19604 K12817 PRP19 complex (U6 Prp19 complex Prp19 related EJC/TREX Common (US U2 components (U4) K12875 K12882.. K10599 K06063 1st step. K13025 K12860 K12741. K12867. complex C (06)K12861 K12876 K12870 K12890... complex B K12813... K12877 K12862 K12733 K12812 K12863 K09564 K12864 K12878.. Activated spliceosome K12871 K03283 complex B\* K12872 Complex B specific U4/U6 snRNP K12873 K12866 U6 snRNA Lsm K12874 Sm /Prp31 U4 snRNA \$nu13) 03040 10/6/15 (c) Kanehisa Laboratories