

\*Experimental group: In100\_containing triplets: Exon1-In100-Exon2-Exon3

\*Control group: In100\_lacking triplets: Exon1-Exon2-Exon3. They are the exon triplets in the same gene sets as the In100\_containing triplets and don't overlap with any exon in In100\_containing triplets.

The num of exon triplets/genes in In100\_containing triplets and In100\_lacking triplets are summarized into 4 categories:

a)Only covering E1-E3 refers to: the triplets/ genes only have the ESTs which cover E1-E3

b)Covering E1-E3 and E1-E2-E3 refers to: the triplets/ genes have two types of ESTs: one covering E1-E3 and the other covering E1-E2-E3

c)Only covering E1-E2-E3 refers to: the triplets/ genes only have the ESTs which cover E1-E2-E3

d)= a) + b) = skipping events refers to: the union of the triplets/genes from group a) and group b)

	<b>In100_containing tri</b>		<b>In100_lacking tri</b>	
	<b>Triplets</b>	<b>Genes</b>	<b>Triplets</b>	<b>Genes</b>
a) Only converging E1-E3	129 (8.8%)	128 (10%)	1017 (6.4%)	742 (36%)
b) Covering E1-E3 and E1-E2-E3	395 (27%)	362 (28%)	3099 (19.4%)	1182 (58%)
c) Only covering E1-E2-E3	946 (64%)	831 (66%)	11827 (74%)	1866 (92%)
d) = a) + b) = skipping events	524 (36%)	482 (38%)	4116 (26%)	1490 (73%)
Total = a) + b) + c)	1470	1252	15943	2036