**Recommendations : Recommended with minor corrections (Revision required)**

**Specific Comments**

The manuscript is concise, well drafted and an important piece of work in developing rice plants resistant to the devastating RTV deploying the Genome editing tools. The MS is well presented with the data for developing and analysis of the T0 events through Agrobacterium mediated genetic transformation and subsequent confirmatory experiments.

1. In addition to Fig.2a, a schematic illustration of the eIF4G locus and regions of focus for RTSV reaction and gRNA target may be depicted for better understanding by the readers.
2. In Table 3, selective T0 events with detected mutations and corresponding changes at the protein levels could have been elaborated with visible gRNA targets along with the Protospacer adjacent motif (PAM) sequences.
3. Since the “NL” sequence in the upstream of YVV in the 14 aa stretch “SVLFPNLAGKSYVV” is reported to be significant especially for conferring resistance to RTSV…has the authors observed any such region of the deduced amino acids in the study?
4. Instead of Figure 2a, 2b…….It can be presented as Fig.2 with a common title of PCR analysis of the To mutants with legends indicating for separate gel images.
5. What about the amplification results of eIF4G by PCR as represented in Table 1?
6. The title of Fig. 3 may be corrected and precisely presented (Figure 3. Nucleotide frequencies at each position in the target sequence…………of???) also specify tools used in analysis in the title/legend.
7. The following references are not in the running text of MS…but in References list

Bae et al., 2014

Koressaar, T. and M. Remm. 2007

Untergasser et al.,2012