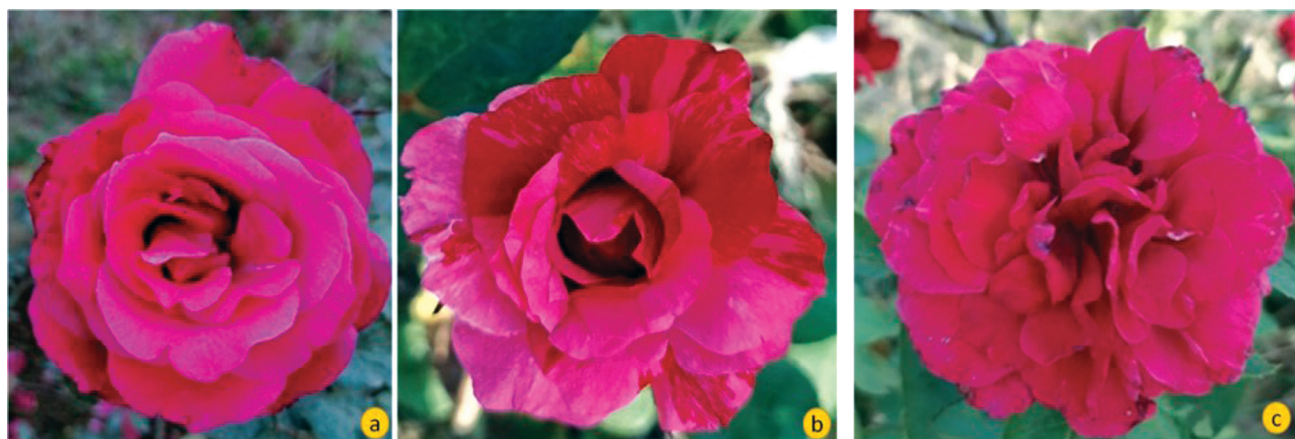
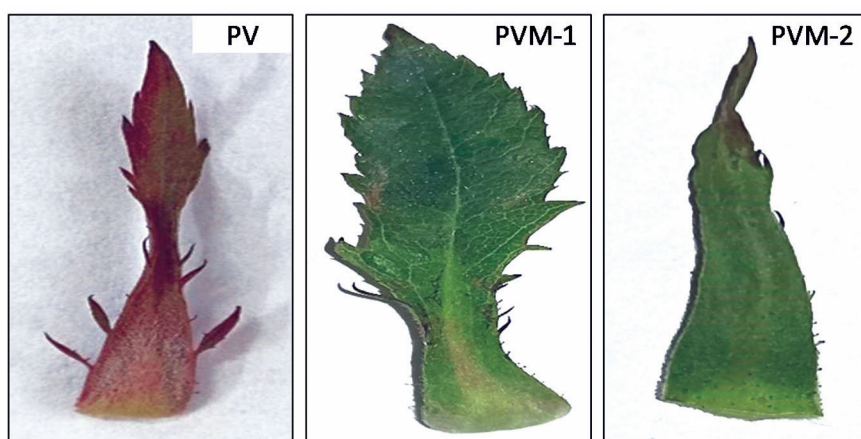




Supplementary Fig. 1 Variability induction in colour of rose petals and shape of flower through *in-vivo* mutagenesis using gamma rays: (a) cv. 'Pusa Virangana', (b) Mutant -1 (PVM-1) at 30 Gy, (c) Mutant -2 (PVM-2) at 20 Gy.



Supplementary Fig. 2 Variation induction in number of petals through *in vivo* mutagenesis using gamma rays in rose cv. Pusa Virangana at 30 Gy (PVM-1) and 20 Gy (PVM-2).



Supplementary Fig. 3 Variation induction in sepal shape through *in vivo* mutagenesis using gamma rays in rose cv. Pusa Virangana at 30Gy (PVM-1) and 20Gy (PVM-2).