Annexure II

Details of pSG3 (7/9c+R – fdx FPV27)

Map of pSG3. *M. tb devR* is cloned under hypoxia inducible operon promoter (Rv3134c_pro). In the same construct, *M.tb fdxA* promoter (a devR regulated promoter) is cloned upstream of coding sequence of *gfpmut3*.

Its details are as follows

1. Vector background is FPV27. It is an episomal plasmid.
2. It is having Kanamycin resistance marker.
3. *M.tb devR* is cloned under hypoxia inducible operon promoter (also known as 7/9c and Rv3134c_pro).
4. In the same construct, *fdxA* promoter (a DevR inducible promoter) is cloned upstream of coding sequence of *gfpmut3*. 