**Predictions\_UnknownXX.csv:** This file carries the predictions for the ‘XX’ receptor. It has 3 columns Ligand Name, Probability scores and Activation Status (1 Activating 0 Non-Activating).

**XX\_datafile.csv:** This file carries information about the **known ligands** for XX receptor.

**PadelXX.csv:**  This file has the dataset with padel descriptors.

**XX: OR51E1/OR2J2/OR1A1/OR2W1**

**Deorphanization\_Pipeline\_5:** This folder has the python package.

**Model\_OR51E1.ipynb**: This file has instructions on how to use the above python package.

**Final\_test\_set\_XX.csv:** This file has all the ligands corresponding to “XX” receptor above a certain threshold.