**Table S3. The result of prediction of aspirin targets by PharmMapper tool.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Pharma Model** | **Fit** | **Name** | **Class** |
| 1r1h\_v | 4.278 | Neprilysin | HYDROLASE |
| 5p21\_v | 3.999 | GTPase HRas | ONCOGENE PROTEIN |
| 2aeb\_v | 3.995 | Arginase-1 | HYDROLASE |
| 4gss\_v | 3.859 | Glutathione S-transferase P | TRANSFERASE |
| 1i44\_v | 3.811 | Insulin receptor | TRANSFERASE |
| 1kav\_v | 3.81 | Tyrosine-protein phosphatase non-receptor type 1 | HYDROLASE |
| 1hfv\_v | 3.775 | NONE | NONE |
| 1p2s\_v | 3.758 | GTPase HRas | SIGNALING PROTEIN |
| 1q1z\_v | 3.746 | Sulfotransferase family cytosolic 2B member 1 | NONE |
| 1m51\_v | 3.739 | Phosphoenolpyruvate carboxykinase, cytosolic [GTP] | NONE |
| 1o4h\_v | 3.732 | Proto-oncogene tyrosine-protein kinase Src | SIGNALING PROTEIN |
| 1hy7\_v | 3.693 | Stromelysin-1 | HYDROLASE |
| 1uzf\_v | 3.687 | Angiotensin-converting enzyme | METALLOPROTEASE |
| 18gs\_v | 3.686 | Glutathione S-transferase P | TRANSFERASE |
| 1pgt\_v | 3.682 | Glutathione S-transferase P | TRANSFERASE |
| 1jf7\_v | 3.625 | Tyrosine-protein phosphatase non-receptor type 1 | HYDROLASE |
| **1db4\_v** | **3.617** | **Phospholipase A2, membrane associated** | **NONE** |
| 1hti\_v | 3.617 | Triosephosphate isomerase | ISOMERASE(INTRAMOLECULAR |
| 1awb\_v | 3.615 | Inositol monophosphatase | HYDROLASE |