|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Gene Symbol** | **Gene\_Name** | **PDB Model #** | **HMDB\_Compounds** | **DrugBank\_Compounds** | **Novoseek\_Compounds** | **PharmGKB\_Compounds** |
| C1QB | complement component 1, q subcomponent, B chain | 1PK6, 2JG8, 2JG9, 2WNU, 2WNV | Calcium |Ca| Calcium element |7440-70-2 | Cetuximab|Etanercept |Adalimumab|Abciximab |Gemtuzumab| ozogamicin|Trastuzumab|Rituximab |Tositumomab|Alefacept |Efalizumab |Natalizumab |Daclizumab| evacizumab Synagis|Avastin |  |  |
| CCL8 | chemokine (C-C motif) ligand 8 | 1ESR |  | Pyroglutamic Acid | RANTES|CCl3|TARC|pyroglutamate|CCl4|Peptidoglycan|calcium|FMLP|leukotriene b4|threonine|serine|Endotoxin|PROGESTERONE|tyrosine|HEPARIN |  |
| DDX58 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 | 2LWD, 2LWE, 2QFB, 2QFD, 2RMJ, 2YKG, 3LRN, 3LRR, 3NCU, 3OG8, 3TMI, 3ZD6,  3ZD7, 4AY2, 4BPB |  |  | polyinosinic-polycytidylic acid|retinoic acid|RANTES|Poly(I-C)|Cycloheximide |  |
| F5 | coagulation factor V (proaccelerin, labile factor) | 1CZS , 1CZT , 1CZV , 1FV4 , 1Y61 , 3P6Z, 3P70 , 3S9C | Copper |Cu| copper |7440-50-8 |Calcium |Ca#|Calcium element |7440-70-2 | Drotrecogin alfa #Anticoagulant protein C| Autoprothrombin IIA| Blood coagulation factor XIV#|Vitamin K-dependent protein C precursor |Phenylmercury |Anticoagulant protein C| Autoprothrombin IIA| Blood coagulation factor XIV| Vitamin K-dependent protein C precursor | Xigris|FIBRINOGEN|HEPARIN|homocysteine|Warfarin||5-methyltetrahydrofolate|dextran sulfate|PGE1|retinoic acid|raloxifene|Vitamin-E|PROGESTERONE|testosterone|progestin|fluorescein|atorvastatin|prostacyclin|sulfonamide|Tamoxifen|Simvastatin|Epinephrine|cysteine|ceftriaxone|linezolid||tunicamycin | eltrombopag |hormonal contraceptives for systemic use |tamoxifen |
| FXYD3 | FXYD domain containing ion transport regulator 3 | 2JP3 | Chlorine |Cl2| Cl# chlorine| molecular chlorine| Bertholite| Chloor| Chlor| Chlore| Diatomic chlorine| Dichlorine| chloride| chloride ion| chlorine gas |16887-00-6 |  | chloride |  |
| GP2 | glycoprotein 2 (zymogen granule membrane) | 4AJV |  |  | Glycogen|LIPID |  |
| IDO1 | indoleamine 2,3-dioxygenase 1 | 2DOT, 2DOU | D-Tryptophan | L-Tryptophan |(-)-Tryptophan# (S)-a-Amino-1H-indole-3-propanoic acid|(S)-a-Amino-b-indolepropionic acid | |1-Methyl-D-tryptophan|n-formylkynurenine|3-hydroxyanthranilic acid|l-tryptophan|quinolinic acid|neopterin|indolamined|Quinine|Paclitaxel|Vitamin-E|thymidine|cgmp|5-aminolevulinic acid|Dexamethasone|infliximab|Chloramphenicol | interferon alfa-2a, |peginterferon alfa-2b |
| IRF9 | interferon regulatory factor 9 |  |  |  | 2',5'-Oligoadenylate|ifn-alpha|tyrosine|GENISTEIN|retinoic acid |  |
| KIR2DS4 | killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 4 | 3H8N |  |  | retinoic acid |  |
| KIR3DL1 | killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1 | 3VH8 |  |  | 5-Aza-2'deoxycytidine |  |

Table 3:Drug hits for the EVD-associated proteins in the human genome.  
The GeneCards data for the EVD-associated proteins with diverse drug databases is shown. The 3-D protein structure model numbers # from the Swiss Protein database are shown for the protein**s.**

PDB: Protein Database; HMDB: The Human Metabolome Database; PharmGKB: The Pharmacogenomics Knowledgebase