**Supplementary Table II**

 HFF proteins clustered by the DAVID enrichment analysis tool into the five statistically-significant main groups.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Protein Description** | **NCBI ID** | **UniProt AC** | **Biological Function¥** |
| **1** | A disintegrin and metalloproteinase with thrombospondin motifs 13 | NP\_620595.1 | **Q76LX8** | **Response to wounding****Complement and coagulation cascades** |
| **2** | Acid ceramidase | NP\_808592.2 | Q13510 | **Protein-lipid complex/lipid metabolism and transport** |
| **3** | Actin, cytoplasmic 1 | NP\_001092.1 | P60709 | **Cytoskeleton organization** |
| **4** | Activin: Activin A = inhibin beta A chain x 2Activin B = inhibin beta B chain x 2Activin AB = inhibin beta A chain+inhibin beta B chaininhibin beta A chaininhibin beta B chain | NP\_002183.1NP\_002184.2 | P08476P09529 | **Inflammation/regulation of inflammation/acute phase****Inflammation/regulation of inflammation/acute phase** |
| **5** | Acyl-CoA synthetase family member 4(Aminoadipate-semialdehyde dehydrogenase; Ambekar AS *et al*., 2013)**§** | NP\_861522.2 | Q4L235 | **Protein-lipid complex/lipid metabolism and transport** |
| **6** | Adipocyte plasma membrane-associated protein | NP\_065392.1 | **Q9HDC9** | **Protein-lipid complex/lipid metabolism and transport** |
| **7** | Adiponectin | NP\_004788.1 | Q15848 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **8** | ADM[Cleaved into: Adrenomedullin Proadrenomedullin N-20 terminal peptide] | NP\_001115.1 | P35318 | Response to wounding**Protein-lipid complex/lipid metabolism and transport** |
| **9** | ADP-ribosyl cyclase 2 | NP\_004325.2 | **Q10588** | **Inflammation/regulation of inflammation/acute phase** |
| **10** | Adrenocortical dysplasia protein homolog | NP\_001075955.1 | Q96AP0 |  |
| **11** | Advanced glycosylation end product-specific receptor | NP\_001127.1 | Q15109 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **12** | Afamin | NP\_001124.1 | P43652 | **Protein-lipid complex/lipid metabolism and transport** |
| **13** | Alkaline phosphatase, tissue-nonspecific isozyme | NP\_000469.3 | P05186 | **Cytoskeleton organization** |
| **14** | Alpha-1-acid glycoprotein 1(Orosomucoid; Kushnir MM *et al.*, 2012) | NP\_000598.1 | P02763 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **15** | Alpha-1-acid glycoprotein 2 | NP\_000599.1 | P19652 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **16** | Alpha-1-antichymotrypsin(Serpin peptidase inhibitor, clade A, member 3; Kushnir MM *et al.*, 2012) | NP\_001076.2 | P01011 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **17** | Alpha-2-antiplasmin(Alpha-2-plasmin inhibitor; Kushnir MM *et al.*, 2012 ) | NP\_000925.2 | P08697 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **18** | Alpha-1-antitrypsin | NP\_000286.3 | P01009 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **19** | Alpha-1B-glycoprotein | NP\_570602.2 | P04217 |  |
| **20** | Alpha-2-HS-glycoprotein | NP\_001613.2 | P02765 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **21** | Alpha-2-macroglobulin | NP\_000005.2 | P01023 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **22** | Alpha-catulin | NP\_003789.1 | Q9UBT7 | **Cytoskeleton organization** |
| **23** | Alpha-enolase | NP\_001419.1 | P06733 | **Inflammation/regulation of inflammation/acute phase** |
| **24** | Aminopeptidase N | NP\_001141.2 | **P15144** | **Inflammation/regulation of inflammation/acute phase** |
| **25** | Amyloid beta A4 protein | NP\_000475.1 | P05067 | **Protein-lipid complex/lipid metabolism and transport** |
| **26** | Angiogenin | NP\_001136.1 | P03950 | **Protein-lipid complex/lipid metabolism and transport****Cytoskeleton organization** |
| **27** | Angiopoietin-1 | NP\_001137.2 | Q15389 | **Cytoskeleton organization** |
| **28** | Angiotensin-converting enzyme | NP\_000780.1 | **P12821** | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport****Cytoskeleton organization** |
| **29** | Angiotensinogen | NP\_000020.1 | P01019 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **30** | Antithrombin-III | NP\_000479.1 | P01008 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **31** | Apolipoprotein(a) | NP\_005568.2 | **P08519** | **Response to wounding****Complement and coagulation cascades****Protein-lipid complex/lipid metabolism and transport** |
| **32** | Apolipoprotein A-I | NP\_000030.1 | P02647 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **33** | Apolipoprotein A-II | NP\_001634.1 | P02652 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **34** | Apolipoprotein A-IV | NP\_000473.2 | P06727 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **35** | Apolipoprotein B-100(Apolipoprotein B including Ag(x) antigen; Ambekar AS *et al*., 2013 ;) | NP\_000375.2 | P04114 | **Protein-lipid complex/lipid metabolism and transport** |
| **36** | Apolipoprotein C-I | NP\_001636.1 | P02654 | **Protein-lipid complex/lipid metabolism and transport** |
| **37** | Apolipoprotein C-II | NP\_000474.2 | P02655 | **Protein-lipid complex/lipid metabolism and transport** |
| **38** | Apolipoprotein C-III | NP\_000031.1 | P02656 | **Protein-lipid complex/lipid metabolism and transport** |
| **39** | Apolipoprotein C-IV | NP\_001637.1 | P55056 | **Protein-lipid complex/lipid metabolism and transport** |
| **40** | Apolipoprotein D | NP\_001638.1 | P05090 | **Protein-lipid complex/lipid metabolism and transport** |
| **41** | Apolipoprotein E | NP\_000032.1 | P02649 | **Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades****Protein-lipid complex/lipid metabolism and transport****Cytoskeleton organization** |
| **42** | Apolipoprotein F | NP\_001629.1 | **Q13790** | **Protein-lipid complex/lipid metabolism and transport** |
| **43** | Apolipoprotein L1 | NP\_003652.2 | O14791 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **44** | Apolipoprotein M | NP\_061974.2 | O95445 | **Protein-lipid complex/lipid metabolism and transport** |
| **45** | Attractin | NP\_647537.1 | O75882 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **46** | Basement membrane-specific heparan sulfate proteoglycan core protein(Heparan sulphate proteoglycan 2; Kushnir MM *et al.*, 2012) | NP\_005520.3 | P98160 | Cell adhesion**Biological adhesion** |
| **47** | Beta-2-glycoprotein 1 | NP\_000033.2 | P02749 | **Response to wounding****Complement and coagulation cascades****Protein-lipid complex/lipid metabolism and transport** |
| **48** | Beta-2-microglobulin | NP\_004039.1 | **P61769** | **Inflammation/regulation of inflammation/acute phase** |
| **49** | Beta-Ala-His dipeptidase | NP\_116038.4 | Q96KN2 |  |
| **50** | Beta-nerve growth factor | NP\_002497.2 | **P01138** | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **51** | C4b-binding protein alpha chain(Complement component 4 binding protein, alpha; Ambekar AS *et al*., 2013) | NP\_000706.1 | P04003 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **52** | Cadherin-5(Cadherin 5, type 2 (vascular endothelium) Ambekar AS *et al*., 2013) | NP\_001786.2 | P33151 | Cell adhesion**Biological adhesion** |
| **53** | Cadherin-6(Cadherin 6, Htype 2, K-cadherin (fetal kidney ) Ambekar AS *et al*., 2013) | NP\_004923.1 | **P55285** | Cell adhesion**Biological adhesion** |
| **54** | Cadherin-13(Cadherin 13, H-cadherin (heart) AmbekarAS *et al*., 2013) | NP\_001248.1 | **P55290** | **Protein-lipid complex/lipid metabolism and transport** |
| **55** | Carboxypeptidase B2 | NP\_001863.2 | Q96IY4 | **Complement and coagulation cascades** |
| **56** | Cathepsin B | NP\_001899.1 | **P07858** | **Response to wounding** |
| **57** | C-C motif chemokine 2(MCP-1; Lédée N *et al*., 2008; Xu H *et al*., 2006) | NP\_002973.1 | P13500 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **58** | C-C motif chemokine 3(MIP-1-α; Lédéè N *et al*., 2011) | NP\_002974.1 | P10147 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Cytoskeleton organization** |
| **59** | C-C motif chemokine 4 | NP\_002975 | P13236 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **60** | C-C motif chemokine 5Regulated upon activation, normal T cell expressed and secreted (RANTES) | NP\_002976.2 | **P13501** | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **61** | C-C motif chemokine 20(MIP-3α, Kawana *et al*., 2004) | NP\_004582.1 | P78556 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **62** | CD5 antigen-like | NP\_005885.1 | **O43866** |  |
| **63** | (Soluble) CD44 antigen(sCD44) | NP\_000601.3 | P16070 | **Inflammation/regulation of inflammation/acute phase** |
| **64** | Ceruloplasmin | NP\_000087.1 | P00450 |  |
| **65** | Cholesterol 7-alpha-monooxygenase(CYP7A1; Yoo SW *et al.*, 2011) | NP\_000771.2 | P22680 | **Protein-lipid complex/lipid metabolism and transport** |
| **66** | Clusterin | NP\_001822.3 | P10909 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades****Protein-lipid complex/lipid metabolism and transport** |
| **67** | Coagulation factor V | NP\_000121.2 | P12259 | **Response to wounding****Complement and coagulation cascades** |
| **68** | Coagulation factor VII | NP\_000122.1 | P08709 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **69** | Coagulation factor IX | NP\_000124.1 | P00740 | **Response to wounding****Complement and coagulation cascades** |
| **70** | Coagulation factor X | NP\_000495.1 | P00742 | **Response to wounding****Complement and coagulation cascades** |
| **71** | Coagulation factor XI | NP\_000119.1 | P03951 | **Response to wounding****Complement and coagulation cascades** |
| **72** | Coagulation factor XII | NP\_000496.2 | P00748 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **73** | Coagulation factor XIII A chain | NP\_000120.2 | P00488 | **Response to wounding****Complement and coagulation cascades** |
| **74** | Coagulation factor XIII B chain | NP\_001985.2 | P05160 | **Response to wounding****Complement and coagulation cascades** |
| **75** | Collagen alpha-1(III) chain | NP\_000081.1 | **P02461** | **Response to wounding****Complement and coagulation cascades****Inflammation/regulation of inflammation/acute phase** |
| **76** | Collagen alpha-1(V) chain | NP\_000084.3 | **P20908** | **Response to wounding** |
| **77** | Complement C1q subcomponent subunit A | NP\_O57075.1 | P02745 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **78** | Complement C1q subcomponent subunit B | NP\_000482.1 | P02746 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **79** | Complement C1q subcomponent subunit C | NP\_001107573.1 | P02747 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **80** | Complement C1r subcomponent | NP\_001724.3 | P00736 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **81** | Complement C1r subcomponent-like protein | NP\_057630.1 | Q9NZP8 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **82** | Complement C1s subcomponent | NP\_001725.1 | P09871 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **83** | Complement C2 | NP\_000054.2 | P06681 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **84** | Complement C3 | NP\_000055.2 | P01024 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **85** | Complement C4-A | NP\_009224.2 | P0C0L4 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **86** | Complement C4-B | NP\_001002029.3 | P0C0L5 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **87** | Complement C5 | NP\_001726.2 | P01031 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **88** | Complement component C6 | NP\_000056.1 | P13671 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **89** | Complement component C7 | NP\_000578.2 | P10643 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **90** | Complement component C8 alpha chain(Complement component 8, alpha polypeptide ; Ambekar AS *et al*., 2013) | NP\_000553.1 | P07357 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascade** |
| **91** | Complement component C8 beta chain(Complement component 8, beta polypeptide ; Ambekar AS *et al*., 2013) | NP\_000057.1 | P07358 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **92** | Complement component C8 gamma chain(Complement component 8, gamma polypeptide ; Ambekar AS *et al*., 2013) | NP\_000597.2 | P07360 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **93** | Complement component C9 | NP\_001728.1 | P02748 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **94** | Complement factor B | NP\_001701.2 | P00751 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **95** | Complement factor D | NP\_001919.2 | P00746 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **96** | Complement factor H | NP\_000177.2 | P08603 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **97** | Complement factor H-related protein 1 | NP\_002104.2 | Q03591 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **98** | Complement factor H-related protein 2 | NP\_005657.1 | **P36980** | **Complement and coagulation cascades** |
| **99** | Complement factor H-related protein 3 | NP\_066303.2 | **Q02985** | **Complement and coagulation cascades** |
| **100** | Complement factor H-related protein 5 | NP\_110414.1 | Q9BXR6 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **101** | Complement factor I | NP\_000195.2 | P05156 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **102** | Corticosteroid-binding globulin | NP\_001747.2 | P08185 | **Protein-lipid complex/lipid metabolism and transport** |
| **103** | C-reactive protein | NP\_000558.2 | P02741 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades****Protein-lipid complex/lipid metabolism and transport** |
| **104** | C-X-C motif chemokine 10(IP-10; Lédée N *et al*., 2008) | NP\_001556.2 | P02778 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **105** | Cytoplasmic protein NCK1 | NP\_006144.1 | **P16333** | **Inflammation/regulation of inflammation/acute phase** |
| **106** | DNA-directed RNA polymerase III subunit RPC7(Polymerase (RNA) III (DNA DIRECT) polypeptide G (32 kD) ; Ambekar AS *et al*., 2013 ) | NP\_006458.2 | **O15318** | **Inflammation/regulation of inflammation/acute phase** |
| **107** | Dopamine beta-hydroxylase | NP\_000778.3 | P09172 | **Inflammation/regulation of inflammation/acute phase** |
| **108** | Ectonucleotide pyrophosphatase/phosphodiesterase family member 2 | NP\_001035181.1 | Q13822 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **109** | Endothelial protein C receptor | NP\_006395.2 | **Q9UNN8** | **Response to wounding****Complement and coagulation cascades** |
| **110** | Endothelin-1 | NP\_001946.3 | P05305 | **Complement and coagulation cascades****Protein-lipid complex/lipid metabolism and transport****Cytoskeleton organization** |
| **111** | Endothelin-2 | NP\_001947.1 | P20800 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **112** | Engulfment and cell motility protein 1 | NP\_055615.8 | Q92556 | **Cytoskeleton organization** |
| **113** | Eotaxin | NP\_002977.1 | P51671 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **114** | Ephrin type-A receptor 3(EPH receptor A3; Ambekar AS *et al*., 2013) | NP\_005224.2 | **P29320** | Response to wounding**Inflammation/regulation of inflammation/acute phase** |
| **115** | Ezrin | NP\_001104547.1 | P15311 | **Cytoskeleton organization** |
| **116** | Fatty acid synthase | NP\_004095.4 | P49327 | **Protein-lipid complex/lipid metabolism and transport** |
| **117** | Fibrinogen alpha chain(Fibrinogen alpha chain isoform alpha-E; Kushnir MM *et al.*, 2012) | NP\_000499.1 | P02671 | **Response to wounding****Complement and coagulation cascades** |
| **118** | Fibrinogen beta chain | NP\_005132.2 | P02675 | **Response to wounding****Complement and coagulation cascades** |
| **119** | Fibrinogen gamma chain(Fibrinogen gamma chain isoform gamma-B; Kushnir MM *et al.*, 2012) | NP\_000500.2 | P02679 | **Response to wounding****Complement and coagulation cascades** |
| **120** | Fibroblast growth factor 2(Basic fibroblast growth factor (bFGF), Malamitsi-Puchner A *et al*., 2001) | NP\_001997.5 | **P09038** | **Response to wounding****Protein-lipid complex/lipid metabolism and transport** |
| **121** | Fibroblast growth factor 7 (KGF or FGF7) | NP\_002000.1 | P21781 | **Response to wounding****Protein-lipid complex/lipid metabolism and transport** |
| **122** | Fibronectin | NP\_473375.2 | P02751 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **123** | Ficolin-2 | NP\_004099.2 | **Q15485** | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **124** | Ficolin-3 | NP\_003656.2 | O75636 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **125** | Focal adhesion kinase 1 | NP\_722560.1 | **Q05397** | **Cytoskeleton organization** |
| **126** | Formimidoyltransferase-cyclodeaminase | NP\_006648.1 | **O95954** | **Cytoskeleton organization** |
| **127** | Fructose-bisphosphate aldolase A(Aldolase A, fructose-bisphosphate; Ambekar AS *et al*., 2013) | NP\_000025.1 | **P04075** | **Cytoskeleton organization** |
| **128** | Fructose-bisphosphate aldolase B(Aldolase B, fructose-bisphosphate; Ambekar AS *et al*., 2013) | NP\_000026.2 | **P05062** | **Cytoskeleton organization** |
| **129** | FSH :Glycoprotein hormones alpha chainFollitropin subunit beta | NP\_001239312.1NP\_001018090.1 | P01215P01225 | **Protein-lipid complex/lipid metabolism and transport** |
| **130** | Ganglioside GM2 activator | NP\_000396.2 | **P17900** | **Protein-lipid complex/lipid metabolism and transport** |
| **131** | Gelsolin | NP\_000168.1 | P06396 | **Response to wounding****Cytoskeleton organization** |
| **132** | Golgi resident protein GCP60 | NP\_073572.2 | **Q9H3P7** | **Protein-lipid complex/lipid metabolism and transport** |
| **133** | Golgin subfamily B member 1 | NP\_004478.3 | **Q14789** |  |
| **134** | Granulocyte colony-stimulating factor(G-CSF; Lédée N *et al*., 2008) | NP\_000750.1 | O75636 | **Inflammation/regulation of inflammation/acute phase** |
| **135** | Haptoglobin | NP\_005134.1 | P00738 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **136** | Haptoglobin-related protein | NP\_066275.3 | P00739 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **137** | Hemopexin | NP\_000604.1 | P02790 | **Inflammation/regulation of inflammation/acute phase** |
| **138** | Heparin cofactor 2 | NP\_000176.2 | P05546 | **Response to wounding****Complement and coagulation cascades** |
| **139** | Hepatocyte growth factor activator | NP\_001519.1 | Q04756 |  |
| **140** | Hepatocyte growth factor-like protein | NP\_066278.3 | **P26927** | **Response to wounding****Complement and coagulation cascades** |
| **141** | Histidine-rich glycoprotein | NP\_000403.1 | P04196 | **Complement and coagulation cascades** |
| **142** | Hormone-sensitive lipase | NP\_005348.2 | Q05469 | **Protein-lipid complex/lipid metabolism and transport** |
| **143** | Hyaluronan-binding protein 2 | NP\_001171131.1 | Q14520 | **Complement and coagulation cascades** |
| **144** | Ig alpha-1 chain C region | P01876.2 | P01876 | **Inflammation/regulation of inflammation/acute phase** |
| **145** | Ig alpha-2 chain C region | P01877.3 | P01877 | **Inflammation/regulation of inflammation/acute phase** |
| **146** | Ig delta chain C region | P01880.2 | P01880 | **Inflammation/regulation of inflammation/acute phase** |
| **147** | Ig epsilon chain C region | P01854.1 | P01854 | **Inflammation/regulation of inflammation/acute phase** |
| **148** | Ig gamma-1chain C region | P01857.1 | P01857 | **Inflammation/regulation of inflammation/acute phase** |
| **149** | Ig gamma-2chain C region | P01859.2 | P01859 | **Inflammation/regulation of inflammation/acute phase** |
| **150** | Ig gamma-3 chain C region | P01860.2 | P01860 | **Inflammation/regulation of inflammation/acute phase** |
| **151** | Ig gamma-4 chain C region | P01861.1 | P01861 | **Inflammation/regulation of inflammation/acute phase** |
| **152** | Ig heavy chain V-III region BRO | P01766.1 | P01766 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **153** | Ig heavy chain V-III region BUR | P01773.1 | P01773 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **154** | Ig heavy chain V-III region BUT | P01767.1 | P01767 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **155** | Ig heavy chain V-III region CAM | P01768.1 | P01768 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **156** | Ig heavy chain V-III region GA | P01769.1 | P01769 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **157** | Ig heavy chain V-III region GAL | P01781.1 | P01781 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **158** | Ig heavy chain V-III region HIL | P01771.1 | P01771 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **159** | Ig heavy chain V-III region JON | P01780.1 | P01780 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **160** | Ig heavy chain V-III region TIL | P01765.1 | P01765 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **161** | Ig heavy chain V-III region VH26 | P01764.1XP\_001718156.4 | P01764 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **162** | Ig kappa chain V-III region NG9 | P01621.1 | P01621 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **163** | Ig heavy chain V-III region TRO | P01762.1 | P01762 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **164** | Ig heavy chain V-III region TUR | P01779.1 | P01779 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **165** | Ig kappa chain C region | AGH70219.1 | P01834 | **Inflammation/regulation of inflammation/acute phase** |
| **166** | Ig kappa chain V-I region AU | P01594.1 | P01594 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **167** | Ig kappa chain V-I region DEE | P01597.1 | P01597 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **168** | Ig kappa chain V-I region EU | P01598.1 | P01598 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **169** | Ig kappa chain V-I region HK102 | P01602.1 | P01602 | **Inflammation/regulation of inflammation/acute phase** |
| **170** | Ig kappa chain V-I region Lay | P01605.1 | P01605 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **171** | Ig kappa chain V-I region Mev | P01612.1 | P01612 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **172** | Ig kappa chain V-I region OU | P01606.1 | P01606 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **173** | Ig kappa chain V-I region WEA | P01610.1 | P01610 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **174** | Ig kappa chain V-II region MIL | P01616.1 | P01616 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **175** | Ig kappa chain V-II region RPMI 6410 | P06310.1 | P06310 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **176** | Ig kappa chain V-II region TEW | P01617.1 | P01617 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **177** | Ig kappa chain V-III region B6 | P01619.1 | P01619 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **178** | Ig kappa chain V-III region NG9 | P01621.1 | P01621 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **179** | Ig kappa chain V-III region SIE | P01620.1 | P01620 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **180** | Ig kappa chain V-III region VG | AAA20447.1 | P04433 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **181** | Ig kappa chain V-III region VH | XP\_003403553.1 | P04434 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **182** | Ig kappa chain V-IV region Len | P01625.2 | P01625 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **183** | Ig lambda-1 chain C region | AAA59107.1 | P01842 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **184** | Ig lambda-2 chain C region | P0CG05.1 | P0CG05 | **Inflammation/regulation of inflammation/acute phase** |
| **185** | Ig lambda chain V-I region HA | P01700.1 | P01700 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **186** | Ig lambda chain V-II region TRO | P01707.1 | P01707 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **187** | Ig lambda chain V-III region LOI | P80748.1 | P80748 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **188** | Ig lambda chain V-IV region Hil | P01717.1 | P01717 | Owing to the luck of correlation between this protein to its corresponding gene name the DAVID program exluded the protein from its clustering functional analysis |
| **189** | Ig mu chain C region | P01871.3 | P01871 | **Inflammation/regulation of inflammation/acute phase** |
| **190** | Immunoglobulin J chain | [NP\_653247.1](http://www.ncbi.nlm.nih.gov/protein/NP_653247.1) | P01591 | **Inflammation/regulation of inflammation/acute phase** |
| **191** | Immunoglobulin lambda-like polypeptide 5 | NP\_001171597.1 | B9A064 | **Inflammation/regulation of inflammation/acute phase** |
| **192** | Inhibin: A = inhibin  chain+inhibin A chainB = inhibin  chain+inhibin B chainInhibin  chainInhibin beta A chainInhibin beta B chain | NP\_002182.1NP\_002183.1NP\_002184.2 | P05111P08476P09529 | **Inflammation/regulation of inflammation/acute phase****Inflammation/regulation of inflammation/acute phasInflammation/regulation of inflammation/acute phase** |
| **193** | Insulin-like growth factor I | NP\_001104754.1 | P05019 | **Response to wounding****Protein-lipid complex/lipid metabolism and transport** |
| **194** | Insulin-like growth factor II | NP\_00112170.1 | P01344 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **195** | Insulin-like growth factor-binding protein 1 | NP\_000587.1 | P08833 | **Response to wounding** |
| **196** | Insulin-like growth factor-binding protein 4 | NP\_001543.2 | P22692 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **197** | Insulin-like growth factor-binding protein 5 | NP\_000590.1 | P24593 |  |
| **198** | Insulin-like growth factor-binding protein 7 | NP­\_001544.1 | Q16270 | **Protein-lipid complex/lipid metabolism and transport** |
| **199** | Intercellular adhesion molecule 1 | NP\_000192.2 | P05362 | **Inflammation/regulation of inflammation/acute phase** |
| **200** | Interferon gamma | NP\_000610.2 | P01579 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **201** | Interleukin-1 alpha | NP\_000566.3 | P01583 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **202** | Interleukin-1 beta | NP\_000567.1 | P01584 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **203** | Interleukin-1 receptor accessory protein | NP\_608273.1 | Q9NPH3 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **204** | Interleukin-1 receptor antagonist protein | NP\_776214.1 | P18510 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **205** | Interleukin-2 | NP\_000577.2 | P60568 | **Inflammation/regulation of inflammation/acute phase** |
| **206** | Interleukin-4 | NP\_000580.1 | P05112 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **207** | Interleukin-5 | NP\_000870.1 | P05113 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **208** | Interleukin-6 | NP\_000591.1 | P05231 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **209** | Interleukin-6 receptor subunit beta | NP\_002175.2 | P40189 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **210** | Interleukin-8 | NP\_000575.1 | P10145 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **211** | Interleukin-9 | NP\_000581.1 | P15248 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **212** | Interleukin-10 | NP\_000563.1 | P22301 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **213** | Interleukin-11 | NP\_000632.1 | **P20809** | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **214** | Interleukin-12heterodimer:Interleukin-12 subunit alpha+Interleukin-12 subunit beta | NP\_000873.2NP\_000873.2 | P29459P29460 | **Inflammation/regulation of inflammation/acute phase****Inflammation/regulation of inflammation/acute phase** |
| **215** | Interleukin-13 | P35225.2 | P35225 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **216** | Interleukin-15 | NP\_000576.1 | P40933 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **217** | Interleukin-18 | NP\_001553.1 | **Q14116** | **Inflammation/regulation of inflammation/acute phase** |
| **218** | Interleukin-18-binding protein | NP\_001034748.1 | **O95998** | **Inflammation/regulation of inflammation/acute phase** |
| **219** | Kallikrein-6 | NP\_002765.1 | **Q92876** | **Response to wounding** |
| **220** | Keratin, type I cytoskeletal 9 | NP\_000217.2 | P35527 | **Cytoskeleton organization** |
| **221** | Keratin, type I cytoskeletal 14 | NP\_000517.2 | **P02533** | **Cytoskeleton organization** |
| **222** | Keratin, type II cytoskeletal 1 | NP\_006112.3 | P04264 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **223** | Keratin, type II cytoskeletal 4 | P19013.4NP\_002263.3 | **P19013** | **Cytoskeleton organization** |
| **224** | Keratin, type II cytoskeletal 6C | NP\_775109.2 | **P48668** | **Cytoskeleton organization** |
| **225** | Kininogen-1 | NP\_001095886.1 | P01042 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **226** | Kit ligand | NP\_000890.1 | P21583 | **Inflammation/regulation of inflammation/acute phase** |
| **227** | Krueppel-like factor 17 | NP\_775755.3 | **Q5JT82** |  |
| **228** | Lactotransferrin | NP\_001186078.1 | P02788 | **Inflammation/regulation of inflammation/acute phase** |
| **229** | Laminin subunit beta-2 | NP\_002283.3 | P55268 | **Response to wounding** |
| **230** | Lebercilin | NP\_859065.2 | **Q86VQ0** | **Cytoskeleton organization** |
| **231** | Leptin | NP\_000221.1 | P41159 | **Protein-lipid complex/lipid metabolism and transport** |
| **232** | LIM domain and actin-binding protein 1 | NP\_057441.1NP\_001230704.1 | **Q9UHB6** | **Cytoskeleton organization** |
| **233** | Lipocalin-1 | NP\_002288.1 | **P31025** | **Protein-lipid complex/lipid metabolism and transport** |
| **234** | Lipopolysaccharide-binding protein | NP\_004130.2 | P18428 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **235** | Lipoprotein lipase | NP\_000228.1 | P06858 | **Protein-lipid complex/lipid metabolism and transport** |
| **236** | Luteinizing hormone (LH):Glycoprotein hormones alpha chain Lutropin subunit beta | NP\_001239312.1NP\_000885.1 | P01215P01229 | **Protein-lipid complex/lipid metabolism and transport****Protein-lipid complex/lipid metabolism and transport** |
| **237** | Lymphatic vessel endothelial hyaluronic acid receptor 1 | NP\_006682.2 | **Q9Y5Y7** | **Response to wounding** |
| **238** | Lysosomal-trafficking regulator | NP\_000072.2 | **Q99698** | **Inflammation/regulation of inflammation/acute phase** |
| **239** | Lysozyme C | NP\_000230.1 | P61626 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **240** | Macrophage colony-stimulating factor 1(M-CSF; Salmassi A *et al*., 2005 ; Kawano *et al*., 2001) | NP\_066278.2 | P09603 | **Inflammation/regulation of inflammation/acute phase** |
| **241** | Macrophage colony-stimulating factor 1 receptor | NP\_005202.2 | **P07333** | **Inflammation/regulation of inflammation/acute phase** |
| **242** | Macrophage migration inhibitory factor | NP\_002406.1 | **P14174** | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **243** | Mannan-binding lectin serine protease 1 | NP\_001870.3 | **P48740** | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **244** | Mannan-binding lectin serine protease 2 | NP\_006601.2 | O00187 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **245** | Mannose-binding protein C | NP\_000233.1 | **P11226** | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **246** | Matrix metalloproteinase-9 | NP\_004985.2 | P14780 | **Inflammation/regulation of inflammation/acute phase** |
| **247** | Matrix metalloproteinase-25 | NP\_071913.1 | Q9NPA2 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **248** | Metalloproteinase inhibitor 1 | NP\_003245.1 | P01033 | **Inflammation/regulation of inflammation/acute phase** |
| **249** | Metalloproteinase inhibitor 2 | NP\_003246.1 | **P16035** | **Inflammation/regulation of inflammation/acute phase** |
| **250** | Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial | NP\_005580.1 | **Q02252** | **Protein-lipid complex/lipid metabolism and transport** |
| **251** | Midkine | NP\_002382.1 | P21741 | **Response to wounding** |
| **252** | Moesin (MSN gene name) | NP\_002435.1 | **P26038** | **Cytoskeleton organization** |
| **253** | Monocyte differentiation antigen CD14(CD14 molecule; Ambekar AS *et al*., 2013) | NP\_002336.1 | P08571 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **254** | Myozenin-2 | NP\_057683.1 | **Q9NPC6** | **Cytoskeleton organization** |
| **255** | Nebulin | NP\_004534.2 | P20929 | **Cytoskeleton organization** |
| **256** | Neuropathy target esterase | NP\_001159583.1 | Q8IY17 | **Protein-lipid complex/lipid metabolism and transport** |
| **257** | Neuropilin-1 | O14786.3NP\_001019800.1 | **O14786** | **Response to wounding** |
| **258** | Oxysterols receptor LXR-alpha | NP­\_005684.2 | Q13133 | **Protein-lipid complex/lipid metabolism and transport** |
| **259** | Pantetheinase | NP\_004657.2 | **O95497** | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **260** | Pentraxin-related protein PTX3 | NP\_002843.2 | **P26022** | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **261** | Peroxiredoxin-1 | NP\_859048.1 | Q06830 | **Inflammation/regulation of inflammation/acute phase** |
| **262** | Peroxiredoxin-2 | NP\_005800.3 | P32119 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **263** | Peroxisomal acyl-coenzyme A oxidase 3(Acyl-CoA oxidase 3, pristanoyl; Ambekar AS *et al*., 2013) | NP\_003492.2 | **O15254** | **Protein-lipid complex/lipid metabolism and transport** |
| **264** | Phosphatidylcholine-sterol acyltransferase | NP\_000220.1 | P04180 | **Protein-lipid complex/lipid metabolism and transport** |
| **265** | Phosphatidylinositol-glycan biosynthesis class F protein | NP\_002634.1 | **Q07326** | **Protein-lipid complex/lipid metabolism and transport** |
| **266** | Phosphatidylinositol-glycan-specific phospholipase D | NP\_001494.2 | **P80108** | **Protein-lipid complex/lipid metabolism and transport** |
| **267** | Phosphoglycerate kinase 1 | NP\_000282.1 | P00558 |  |
| **268** | Phospholipid transfer protein | NP\_006218.1NP\_001229849.1 | P55058 | **Protein-lipid complex/lipid metabolism and transport** |
| **269** | Pigment epithelium-derived factor | NP\_002606.3 | P36955 | **Inflammation/regulation of inflammation/acute phase** |
| **270** | Plasma kallikrein | NP\_000883.2 | P03952 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **271** | Plasma protease C1 inhibitor | NP\_000053.2 | P05155 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **272** | Plasminogen | NP­\_000292.1 | P00747 | **Response to wounding****Complement and coagulation cascades** |
| **273** | Plasminogen activator inhibitor 1 | NP\_000593.1 | P05121 | **Response to wounding****Complement and coagulation cascades** |
| **274** | Plastin-2 | NP\_002289.2 | P13796 | **Cytoskeleton organization** |
| **275** | Platelet-derived growth factor (PDGF):Platelet-derived growth factor subunit APlatelet-derived growth factor subunit B | NP\_002598.4NP\_002599.1 | P04085**P01127** | **Response to wounding****Complement and coagulation cascades****Protein-lipid complex/lipid metabolism and transport****Cytoskeleton organization****Response to wounding****Complement and coagulation cascades****Protein-lipid complex/lipid metabolism and transport****Cytoskeleton organization** |
| **276** | Platelet endothelial cell adhesion molecule | NP\_000433.4 | **P16284** | **Inflammation/regulation of inflammation/acute phase** |
| **277** | Profilin-1 | NP\_005013.1 | **P07737** | **Cytoskeleton organization** |
| **278** | Properdin | NP\_001138724.1 | **P27918** | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **279** | Proprotein convertase subtilisin/kexin type 9 | NP\_777596.2 | **Q8NBP7** | **Protein-lipid complex/lipid metabolism and transport** |
| **280** | Prostaglandin-H2 D-isomerase | NP\_000945.3 | **P41222** | **Protein-lipid complex/lipid metabolism and transport** |
| **281** | Prostatic acid phosphatase | NP\_001090.2 | **P15309** | **Protein-lipid complex/lipid metabolism and transport** |
| **282** | Protein AMBP(Alpha-1-microglobulin; Angelucci S *et al.*, 2006;Alpha-1-microglobulin/bikini; Ambekar AS *et al*., 2013 ; Kushnir MM *et al.*, 2012) | NP\_001624.1 | P02760 | **Inflammation/regulation of inflammation/acute phase** |
| **283** | Protein S100-A8 | NP\_002955.2 | P05109 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **284** | Protein Z-dependent protease inhibitor | NP\_057270.1 | Q9UK55 | **Response to wounding** |
| **285** | Prothrombin | NP\_000497.1 | P00734 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **286** | Retinoic acid receptor RXR-alpha | NP\_002948.1 | P19793 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **287** | Retinoic acid receptor RXR-beta | NP\_068811.1 | P28702 | **Protein-lipid complex/lipid metabolism and transport** |
| **288** | Retinol-binding protein 1 | NP\_002890.2 | P09455 | **Protein-lipid complex/lipid metabolism and transport** |
| **289** | Retinol-binding protein 4 | NP\_006735.2 | P02753 | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **290** | Rho guanine nucleotide exchange factor 18 | NP\_001124427.1 | **Q6ZSZ5** | **Cytoskeleton organization** |
| **291** | Rho guanine nucleotide exchange factor 26 | NP\_056410.3 | **Q96DR7** | **Cytoskeleton organization** |
| **292** | Scavenger receptor cysteine-rich type 1 protein M130 | NP\_981961.2 | **Q86VB7** | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **293** | Serotransferrin | NP\_001054.1 | P02787 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **294** | Serum albumin | NP\_000468.1 | P02768 | **Protein-lipid complex/lipid metabolism and transport** |
| **295** | Serum amyloid A-2 protein | NP\_110381.2 | **P0DJI9** | **Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **296** | Serum amyloid A-4 protein | NP\_006503.2 | P35542 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **297** | Serum amyloid P-component | NP\_001630.1 | P02743 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **298** | Serum paraoxonase/arylesterase 1(Paraxonase 1 ; Ambekar AS *et al*., 2013 ) | NP\_000437.3 | P27169 | **Protein-lipid complex/lipid metabolism and transport** |
| **299** | Signal peptide, CUB and EGF-like domain-containing protein 1 | NP\_766638.2 | Q8IWY4 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **300** | Stromal cell-derived factor 1 | NP\_000600.1 | **P48061** | **Inflammation/regulation of inflammation/acute phase****Cytoskeleton organization** |
| **301** | Superoxide dismutase [Cu-Zn] | NP\_000445.1 | P00441 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport****Cytoskeleton organization** |
| **302** | Syndecan-4 | NP\_002990.2 | **P31431** | **Cytoskeleton organization** |
| **303** | Talin-1 | NP\_006280.3 | **Q9Y490** | **Cytoskeleton organization** |
| **304** | Tenascin-X | NP\_061978.6 | P22105 | **Cytoskeleton organization** |
| **305** | TGF-beta receptor type-2 | NP\_003233.4 | **P37173** | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **306** | Thrombospondin-1 | NP\_003237.2 | P07996 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades****Protein-lipid complex/lipid metabolism and transport** |
| **307** | Tissue factor | NP\_001984.1 | **P13726** | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Complement and coagulation cascades** |
| **308** | Tissue factor pathway inhibitor | NP\_006278.1 | **P10646** | **Response to wounding****Complement and coagulation cascades** |
| **309** | Titin | Q8WZ42.4 | Q8WZ42 | **Cytoskeleton organization** |
| **310** | Transferrin receptor protein 1 | NP\_003225.2 | P02786 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **311** | Transforming growth factor beta-1 | NP\_000651.3 | **P01137** | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **312** | Transforming growth factor beta receptor type 3 | NP\_003234.2 | Q03167 | **Inflammation/regulation of inflammation/acute phase** |
| **313** | Transient receptor potential cation channel subfamily M member 7 | NP\_060142.3 | **Q96QT4** | **Cytoskeleton organization** |
| **314** | Triggering receptor expressed on myeloid cells 1 | NP\_061113.1 | **Q9NP99** | **Inflammation/regulation of inflammation/acute phase** |
| **315** | Triosephosphate isomerase | NP\_001152759.1NP\_000356.1 | P60174 | **Protein-lipid complex/lipid metabolism and transport** |
| **316** | Tubulin alpha-1B chain | NP\_006073.2 | P68363 | **Cytoskeleton organization** |
| **317** | Tubulin beta chain | NP\_821133.1 | P07437 | **Inflammation/regulation of inflammation/acute phase****Cytoskeleton organization** |
| **318** | Tubulin gamma-1 chain | NP\_001061.2 | **P23258** | **Cytoskeleton organization** |
| **319** | Tumor necrosis factor- | NP\_000585.2 | P01375 | **Response to wounding****Inflammation/regulation of inflammation/acute phase****Protein-lipid complex/lipid metabolism and transport** |
| **320** | Tumor necrosis factor-inducible gene 6 protein | NP\_009046.2 | P98066 | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **321** | Tumor necrosis factor receptor superfamily member 6 | NP\_000034.1 | **P25445** | **Inflammation/regulation of inflammation/acute phase** |
| **322** | Vascular cell adhesion protein 1 | NP\_001069.1 | **P19320** | **Inflammation/regulation of inflammation/acute phase** |
| **323** | Vascular endothelial growth factor A | NP\_001020537.2 | P15692 | **Inflammation/regulation of inflammation/acute phase** |
| **324** | Vasopressin-neurophysin 2-copeptin | NP\_000481.2 | P01185 | **Protein-lipid complex/lipid metabolism and transport** |
| **325** | Versican core protein | NP\_004376.2 | P13611 | **Response to wounding** |
| **326** | Vimentin | NP\_003371.2 | P08670 | **Cytoskeleton organization** |
| **327** | Vitamin D binding protein | NP\_000574.2 | P02774 | **Protein-lipid complex/lipid metabolism and transport****Cytoskeleton organization** |
| **328** | Vitamin K-dependent protein C | NP\_000303.1 | P04070 | **Response to wounding****Complement and coagulation cascades** |
| **329** | Vitamin K-dependent protein S | NP\_000304.2 | P07225 | **Response to wounding****Complement and coagulation cascades** |
| **330** | Vitamin K-dependent protein Z | NP\_003882.1 | P22891 | **Response to wounding****Complement and coagulation cascades** |
| **331** | Vitronectin | NP\_000629.3 | P04004 | **Inflammation/regulation of inflammation/acute phase**Cell adhesion |
| **332** | von Willebrand factor | NP\_000543.2 | P04275 | **Response to wounding****Complement and coagulation cascades** |
| **333** | Xin actin-binding repeat-containing protein 2 | NP\_689594.4 | **A4UGR9** | **Cytoskeleton organization** |
| **334** | Zinc-alpha-2-glycoprotein | NP\_001176.1 | P25311 | **Protein-lipid complex/lipid metabolism and transport** |
| **335** | Zinc finger protein Gfi-1 | NP\_005254.2 | **Q99684** | **Protein-lipid complex/lipid metabolism and transport** |
| **336** | 14-3-3 protein zeta/delta(Tyrosine 3-monoxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide; Ambekar AS *et al*., 2013) | NP\_003397.1 | **P63104** | **Response to wounding****Inflammation/regulation of inflammation/acute phase** |
| **337** | 72 kDa type IV collagenase | NP\_004521.1 | **P08253** | **Inflammation/regulation of inflammation/acute phase** |

**¥**According to the DAVID analysis, several proteins were clustered in more than a GO functional group. All the functional classes to which each protein belongs are listed.

**§**Proteins are indexed using UniProtKB recommended names. Alternative names, along with the recommended ones, are reported in table only when corresponding proteins are indicated in reference papers, whose bibliographic references are also reported, using such alternative names.

**For References see Supplementary References**