

A representative 38 amino acids motif

A

GaLOX2	STNPFKP--SKQWITFPVDATTCWQWCLAKAHVCSNDGSGAHELIQHWLRTHACMEPFIIAARRHLSAMHPIKLLPHHR	580
GaLOX3	STNPFKP--SKQWITFPEDATSNWQWCLAKAHVCSNDGSGAHELIQHWLRTHACMEPFIIAARRHLSVMHPIKLLPHHR	580
GaLOX5	HTSPNSR--SKRWVTFPVDATTNWIWCLAKAHVCSNDGSGVHQLVNHWRTHACMEPFIIAARRHLSAMHPIKLLPHHR	612
GaLOX11	PTPSSNR--NKYVYTHGHDAITYYIWLAKAHVCANDAGVHQLANHWLRTHACMEPYIIATHRQLSSMHPIYKLLPHHR	605
GaLOX1	FMDGKQP--WKEAYRPSWHS SGVWLWCLAKAHVLAHDSGYHQLISHWLRTHCCTEPIIATNRQLSEMHPYRLLPHHR	606
GaLOX4	HPQGD SHGAVSKWFTPAVDGIEGSIWCLAKAHVAVNDSGYHQLISHWLRTHAVIEPFIASNRQLSVVHPIYKLLPHHR	562
GaLOX6	HPQGD SHGAVSKWFTPAEDGVGSSIWCLAKAHVAVNDSGYHQLVSHWLNTHAVIEPFIIAANRQLSVVHPIYKLLPHHR	545
GaLOX9	HPDGDQLGAVSKWYTPTEHGVGSIWCLAKAHVAVNDSGVHQLISHWLNTHATMEPFIATNRQLSVVHPIYKLLPHHR	560
GaLOX8	KMEEDKIGCVNKWYTPAEHGVGSIWCLAKAHVAVNDSGYHQLVSHWLNTHAVLEPFIATNRQLSVVHPIYKLLPHHR	567
GaLOX10	KMEGDKIGCVSEWYTPAEHGVGSIWCLAKAHVAVNDSGYHQLVSHWLNTHAVLEPFIATNRQLSVVHPYKLLPHHR	566
GaLOX7	GSSNVVDGKMTMLLPEKEDIQALWCLAKAHVAANDSAYHQLISHWLRTHAVVEPFIATRQLSVVMHPVERLLPHHR	545

B

G _r LOX6	NDSGYHQLISHWLRTHAVIEPFIASNRQLSVVHPIYKLLPHHR	572
G _r LOX9	NDSGYHQLVSHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	595
G _r LOX14	NDSGYHQLISHWLNTHATMEPFIATNRQLSVVHPIYKLLPHHR	565
G _r LOX4	NDSGYHQLVSHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	556
G _r LOX5	NDSGYHQLVSHWLNTHAVIEPFIATNRQLSAVHPVYKLLPHHR	571
G _r LOX3	VDTGFHQLISHWLNTHAAIEPFIATNRQLSVVHPIYKLLPHHR	524
G _r LOX1	NDSAHQLISHWLRTHAVVEPFIATRQLSVMHPIHRLDPHHR	547
G _r LOX2	HDAGYHQIVSHCLRTHCVTEPIIATNRQLSVMHPIYRLLPHHR	391
G _r LOX10	HDAGYHQLISHWLRTHCCTEPIIATNRQLSEMHPYRLLPHHR	601
G _r LOX7	NDAGYHQLVNHWRTHACMEPYIIATHRQLSSMHPIYKLLPHHR	610
G _r LOX11	NDSGAHELIQHWLRTHACMEPFIIAARRHLSAMHPVLLPHHR	585
G _r LOX12	NDSGAHELIQHWLRTHACMEPFIIAARRHLSVMHPIHLLPHHR	585
G _r LOX8	NDAGYHQLISHWLRTHACLEPFIIAARRHLSVMHPIYKLLPHHR	609
G _r LOX13	NDAGYHQLVNHWRTHACMEPFIIAARRHLSAMHPIKLLPHHR	617

C

GbLOX1	SGVWLWCLAKAHVLAHDSGYHQLISHWLRTHCCTEPIIATNRQLSEMHPYRLLPHHR	606
GbLOX3	SGVWLWCLAKAHVLAHDSGYHQLISHWLRTHCCTEPIIATNRQLSEMHPYRLLPHHR	613
GbLOX6	TTYWIWCLAKAHVCANDAGVHQLVNHWRTHACMEPYIIATHRQLSSMHPIYKLLPHHR	615
GbLOX12	TTYWIWCLAKAHVCANDAGVHQLVNHWRTHACMEPYIIATHRQLSSMHPIYKLLPHHR	615
GbLOX9	TTNWIWCLAKAHVCSNDGSGVHQLVNHWRTHACMEPFIIAARRHLSAMHPIKLLPHHR	622
GbLOX10	TTNWIWCLAKAHVCSNDGSGVHQLVNHWRTHACMEPFIIAARRHLSAMHPIKLLPHHR	622
GbLOX17	TSNWQWCLAKAHVCSNDGSGAHELIQHWLRTHACMEPFIIAARRHLSVMHPIHLLPHHR	548
GbLOX18	TTCWQWCLAKAHVCSNDGSGAHELIQHWLRTHACMEPFIIAARRHLSAMHPIKLLPHHR	372
GbLOX11	TTCWQWCLAKAHVCSNDGSGAHELIQHWLRTHACLEPFIIAARRHLSVMHPIYKLLPHHR	614
GbLOX2	VGSSIWCLAKAYAAVNDSGYHQLVSHWLNTHAVIEPFIIAANRQLSVVHPIYKLLPHHR	573
GbLOX4	VGSSIWCLAKAYAAVNDSGYHQLVSHWLNTHAVIEPFIIAANRQLSVVHPIYKLLPHHR	573
GbLOX16	IEGSIWCLAKAYAAVNDSGYHQLISHWLRTHAVIEPFIASNRQLSVVHPIYKLLPHHR	357
GbLOX5	VEGSIWCLAKAYAAVNDSGYHQLISHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	900
GbLOX15	VEGSIWCLAKAYAAVNDSGYHQLISHWLNTHATMEPFIATNRQLSVVHPIYKLLPHHR	570
GbLOX7	VEGSIWCLAKAYAAVNDSGYHQLVSHWLNTHAVLEPFIATNRQLSVVHPVYKLLPHHR	576
GbLOX13	VEGSIWCLAKAYAAVNDSGYHQLVSHWLNTHAVLEPFIATNRQLSVVHPVYKLLPHHR	584
GbLOX8	VEGSIWCLAKAYAAVNDSGYHQLVSHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	577
GbLOX14	VEGSIWCLAKAYAAVNDSGYHQLVSHWLNTHAVLEPFIATNRQLSVVHPIYKLLPHHR	577

D

GhLOX9	LAKAHVCSNDGSGYHQLVNHWRTHACMEPFIIAARRHLSAMHPIKLLPHHR	635
GhLOX20	LAKAHVCSNDGSGYHQLVNHWRTHACMEPFIIAARRHLSAMHPIKLLPHHR	430
GhLOX15	LAKAHVCSNDGSGAHELIQHWLRTHACMEPFIIAARRHLSAMHPIKLLPHHR	603
GhLOX4	LAKAHVCSNDGSGAHELIQHWLRTHACMEPFIIAARRHLSAMHPIKLLPHHR	614
GhLOX14	LAKAHVCSNDGSGAHELIQHWLRTHACMEPFIIAARRHLSAMHPIKLLPHHR	372
GhLOX5	LAKAHVCSNDGSGAHELIQHWLRTHACMEPFIIAARRHLSAMHPIKLLPHHR	304
GhLOX18	LGAHVCSNDGSGYHQLISHWLRTHACMEPFIIAARRHLSAMHPIKLLPHHR	627
GhLOX12	LAKAHVCANDAGVHQLANHWLRTHACMEPYIIATHRQLSSMHPIYKLLPHHR	628
GhLOX2	LAKAHVCANDAGVHQLANHWLRTHACMEPYIIATHRQLSSMHPIYKLLPHHR	628
GhLOX13	LAKAHVLAHDSGYHQLISHWLRTHCCTEPIIATNRQLSEMHPYRLLPHHR	619
GhLOX3	LAKAHVLAHDSGYHQLISHWLRTHCCTEPIIATNRQLSEMHPYRLLPHHR	517
GhLOX21	LAKAHVAVNDSGYHQLISHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	583
GhLOX10	LAKAHVAVNDSGYHQLISHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	583
GhLOX11	LAKAHVAVNDSGYHQLISHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	590
GhLOX1	LAKAHVAVNDSGYHQLISHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	590
GhLOX19	LAKAHVAVNDSGYHQLISHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	568
GhLOX8	LAKAHVAVNDSGYHQLISHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	592
GhLOX6	LAKAHVAVNDSGYHQLISHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	591
GhLOX17	LAKAHVAVNDSGYHQLISHWLNTHAVIEPFIATNRQLSVVHPIYKLLPHHR	599
GhLOX7	LAKAHVAVNDSGYHQLISHWLNTHAVIEPFIATNRQLSVVHPVYKLLPHHR	590
GhLOX16	LAKAHVAVNDGSGYHQLISHWLNTHAAIEPFIATNRQLSVVHPIYKLLPHHR	518