DQB clade
Urth-DQB*16
Urth-DQB*15
Urth-DQB*10
Urth-DQB*05
Urth-DQB*25
Urth-DQB*31
Urth-DQB*29
Urth-DQB*23
Urth-DQB*18
Urth-DQB*01
Urth-DQB*24
Giant panda Aime-DQB1*06 (GQ496187)
Giant panda Aime-DQB1*05 (GQ496186)
Giant panda Aime-DQB2*01 (GQ496188)
Giant panda Aime-DQB1*01 (GQ496182)
Giant panda Aime-DQB1*02 (GQ496183)
Giant panda Aime-DQB1*04 (GQ496185)
Giant panda Aime-DQB1*03 (GQ496184)
Urth-DQB*27
Urth-DQB*13
Urth-DQB*06
Urth-DQB*26
Urth-DQB*04
Urth-DQB*08
Urth-DQB*02
Urth-DQB*30
Urth-DQB*28
Urth-DQB*19
Urth-DQB*17
Urth-DQB*03
Urth-DQB*20
Urth-DQB*11
Urth-DQB*07
Urth-DQB*09
Urth-DQB*14
Urth-DQB*22
Urth-DQB*12
Urth-DQB*21
Sloth bear Urur-DRB*01 (AB490485)
Giant panda Aime-DRB3*01 (GQ496165)
Giant panda Aime-DRB3*04 (GQ496168)
Giant panda Aime-DRB3*02 (GQ496166)
Giant panda Aime-DRB3*05 (GQ496169)
Giant panda Aime-DRB3*06 (GQ496170)
Giant panda Aime-DRB3*03 (GQ496167)
Japanese black bear Urth-DRB*02 (AB490479)
Japanese black bear Urth-DRB*01 (AB490478)
Giant panda Aime-DRB*2 (AY895156)
Brown bear Urar-DRB*05 (AB490461)
Brown bear Urar-DRB*06 (AB490462)
Brown bear Urar-DRB*19 (AB490475)
Polar bear Urma-DRB*gd02 (AB490477)
Brown bear Urar-DRB*07 (AB490463)
Brown bear Urar-DRB*08 (AB490464)
Brown bear Urar-DRB*16 (AB490472)
Spectacled bear Tror-DRB*02 (AB490490)
Brown bear Urar-DRB*17 (AB490473)
Brown bear Urar-DRB*18 (AB490474)
Polar bear Urma-DRB*18 (AF458931)
Polar bear Urma-DRB*07 (AF458920)
Polar bear Urma-DRB*19 (AF458932)
Polar bear Urma-DRB*22 (AF458935)
Polar bear Urma-DRB*11 (AF458924)
Polar bear Urma-DRB*05 (AF458918)
Polar bear Urma-DRB*20 (AF458933)
Polar bear Urma-DRB*03 (AF458916)
Polar bear Urma-DRB*12 (AF458925)
Polar bear Urma-DRB*01 (AF458914)
Polar bear Urma-DRB*14 (AF458927)
Polar bear Urma-DRB*06 (AF458919)
Polar bear Urma-DRB*02 (AF458915)
Polar bear Urma-DRB*09 (AF458922)
Polar bear Urma-DRB*08 (AF458921)
Polar bear Urma-DRB*15 (AF458928)
Polar bear Urma-DRB*04 (AF458917)
Polar bear Urma-DRB*23 (AF458936)
Polar bear Urma-DRB*21 (AF458934)
Polar bear Urma-DRB*10 (AF458923)
Polar bear Urma-DRB*13 (AF458926)
Polar bear Urma-DRB*16 (AF458929)
Polar bear Urma-DRB*25 (AF458938)
Polar bear Urma-DRB*17 (AF458930)
Polar bear Urma-DRB*24 (AF458937)
Brown bear Urar-DRB*02 (AB490458)
Polar bear Urma-DRB*gd01 (AB490476)
Brown bear Urar-DRB*03 (AB490459)
Sun bear Urml-DRB*01 (AB490483)
American black bear Uram-DRB*01 (AB490480)
Sun bear Urml-DRB*02 (AB490484)
Brown bear Urar-DRB*01 (AB490457)
American black bear Uram-DRB*02 (AB490481)
American black bear Uram-DRB*03 (AB490482)
Brown bear Urar-DRB*04 (AB490460)
Sloth bear Urur-DRB*02 (AB490486)
Sloth bear Urur-DRB*03 (AB490487)
Sloth bear Urur-DRB*04 (AB490488)
Brown bear Urar-DRB*15 (AB490471)
Spectacled bear Tror-DRB*01 (AB490489)
Giant panda Aime-DRB*1 (AY895155)
Brown bear Urar-DRB*09 (AB490465)
Brown bear Urar-DRB*10 (AB490466)
Brown bear Urar-DRB*11 (AB490467)
Brown bear Urar-DRB*12 (AB490468)
Brown bear Urar-DRB*13 (AB490469)
Brown bear Urar-DRB*14 (AB490470)
Giant panda Aime-DRB*3 (AY895157)
Giant panda Aime-DRB*4 (AY895158)
Giant panda Aime-DRB*5 (AY895159)
Giant panda Aime-DRB*6 (AY895160)
Giant panda Aime-DRB*7 (AY895161)
Human HLA-DPB1 (NM_002121)
0.2