

Supplementary information, Fig. S1. Sequence alignment of LBD of LDLR across different species. a, Sequence alignment of LBD of human LDLR (Homo sapiens, NP_000518.1) to its orthologues from monkey (Macaca mulatta, XP_014978386.2), mouse (Mus musculus, NP_034830.2), rat (Rattus norvegicus, NP_786938.2), hamster (Mesocricetus auratus, XP_005078593.1), rabbit (Oryctolagus cuniculus, NP_001265794.1), hedgehog (Erinaceus europaeus, XP_060037767.1), goat (Capra hircus, XP_005682432.1), sheep (Ovis aries, XP_004008580.2), cattle (Bos taurus, NP_001160002.1), horse (Equus caballus, XP_005611994.2) and camel (Camelus dromedarius, XP_010976615.1) using ESPript 3. Red and yellow boxes indicate conserved and similar residues between orthologues, respectively. The LDL-receptor class A repeats are indicated below the sequence. b, The identity (green) and similarity (yellow) matrix of LBD of LDLR across species. The matrix was generated using MatGat 2.01.