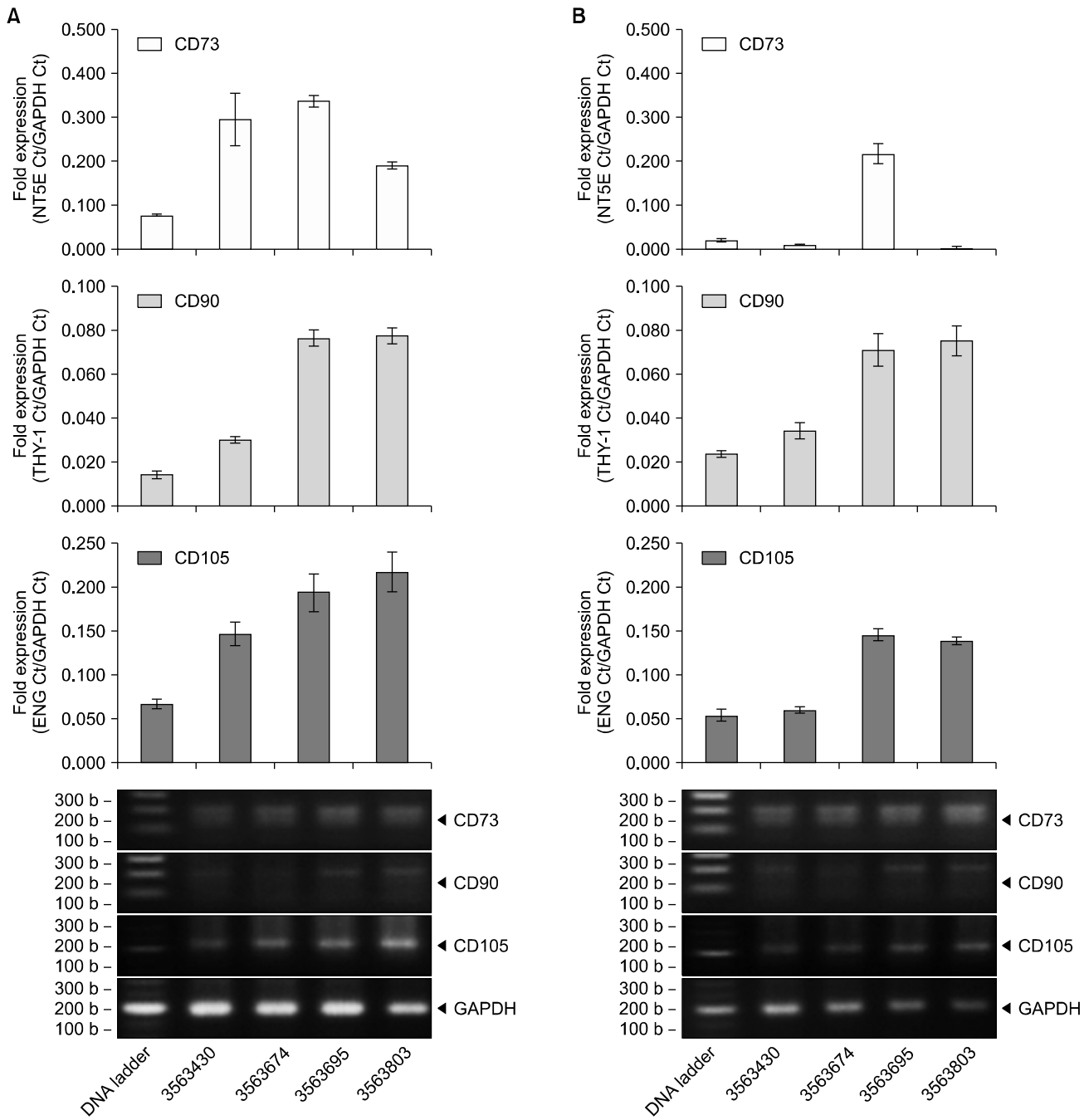

Fig. S1. Fresh and Cryopreserved UCT expresses CD73, CD90 and CD105 mRNA. (A) Fresh and (B) cryopreserved UCT from 4 different donors were processed for RNA, converted to cDNA and screened for CD73, CD90 and CD105 by RT-PCR. GAPDH was used as an internal control and data are expressed as mean fold expression against GAPDH±SD from 3 experiments. Representative reactions were resolved on a 1.5% agarose gel and captured on an imager.

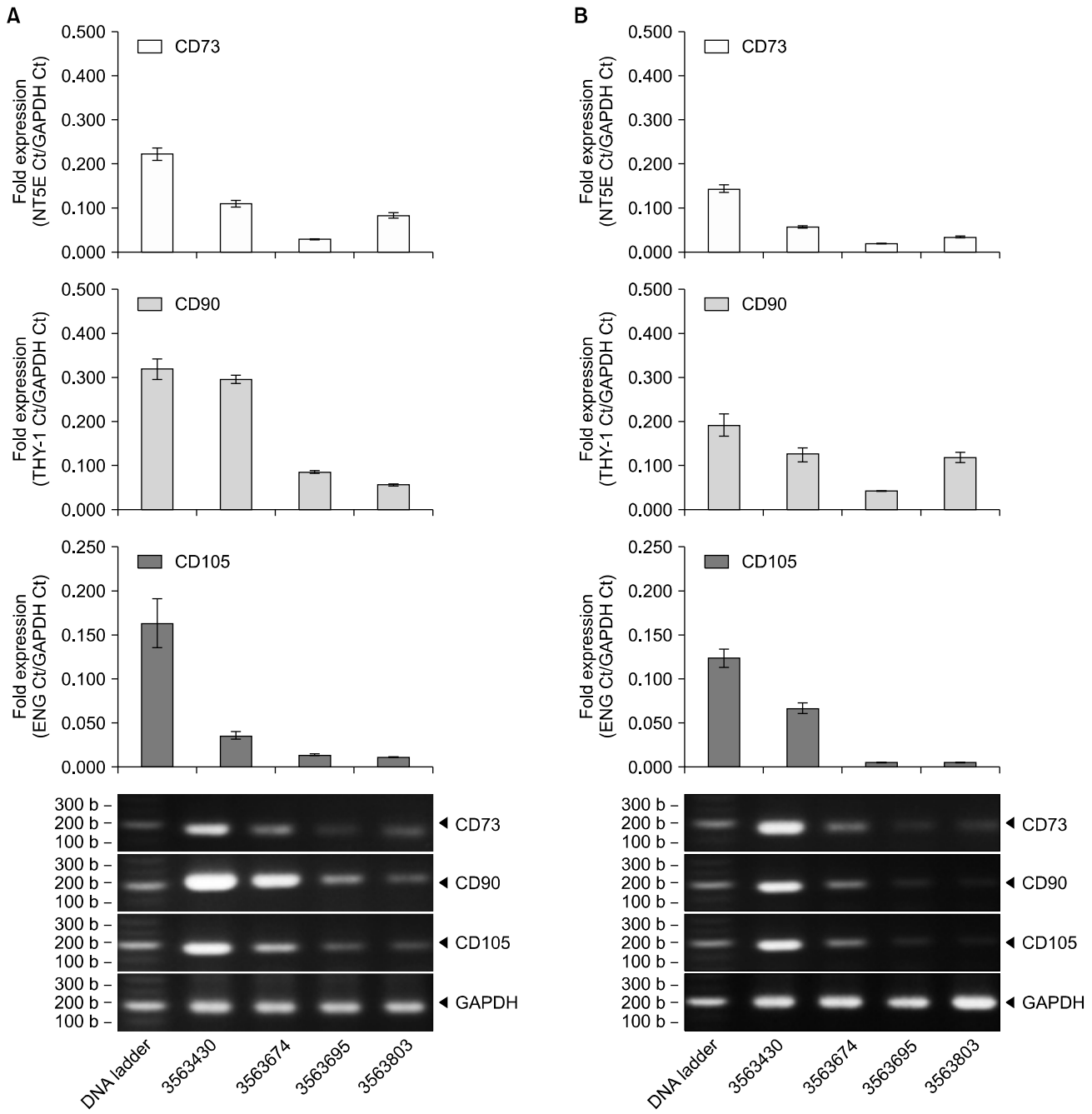

Fig. S2. MSC expansion from fresh and cryopreserved UCT express CD90, CD73 and CD105 mRNA. MSC expanded from (A) fresh and (B) cryopreserved UCT from 4 different donors were processed for RNA, converted to cDNA and screened for CD73, CD90 and CD105 by RT-PCR. GAPDH was used as an internal control and data are expressed as mean fold expression against GAPDH±SD from 3 experiments. Representative reactions were resolved on a 1.5% agarose gel and captured on an imager.

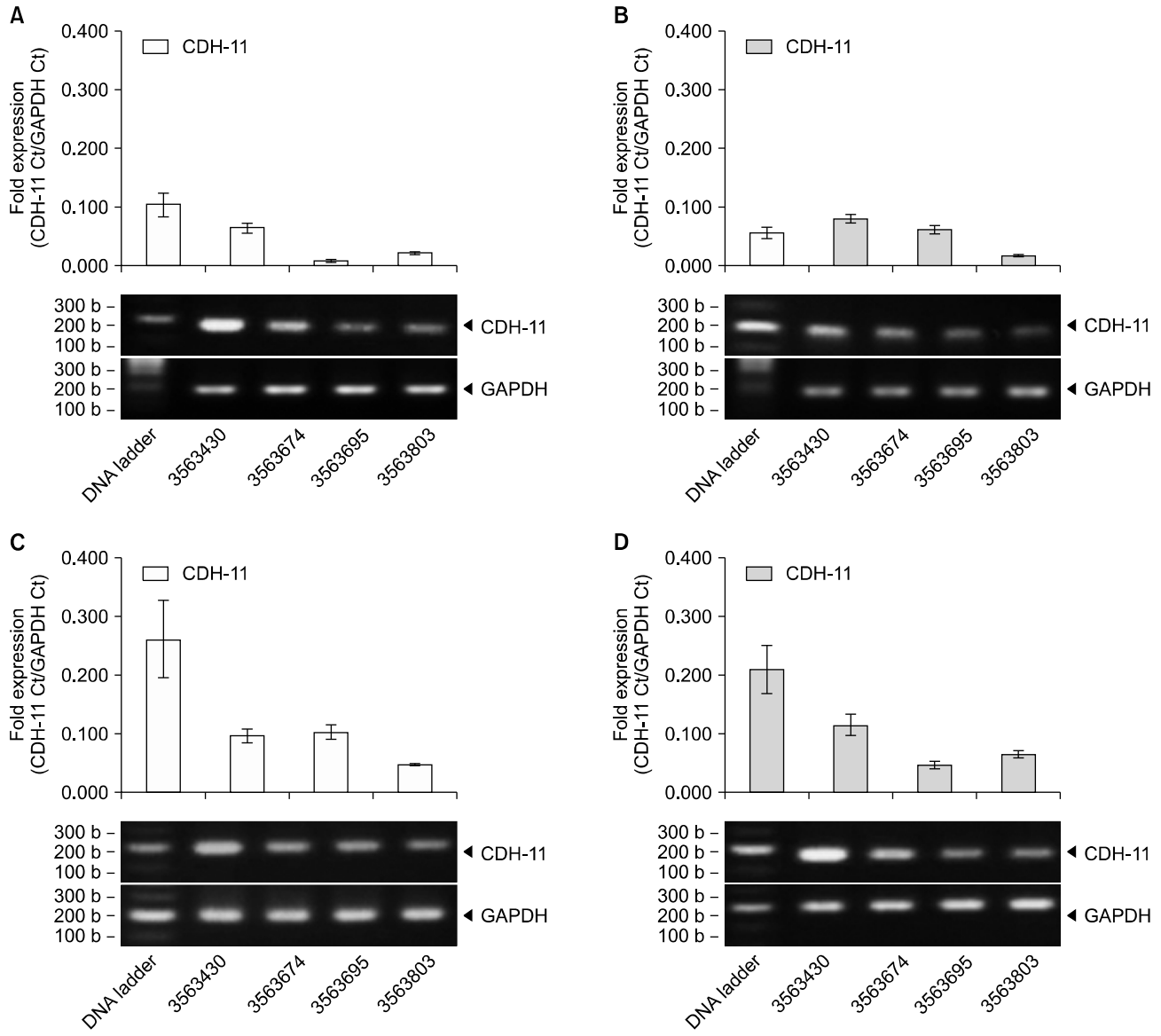

Fig. S3. Fresh and cryopreserved UCT and MSC expansion expresses CDH-11 mRNA. (A) Fresh UCT, (B) frozen UCT, (C) MSC expansion from fresh UCT and (D) MSC expansion from frozen UCT from 4 different donors were processed for RNA, converted to cDNA and screened for CDH-11 by RT-PCR. GAPDH was used as an internal control and data are expressed as mean fold expression against GAPDH±SD from 3 experiments. Representative reactions were resolved on a 1.5% agarose gel and captured on an imager.

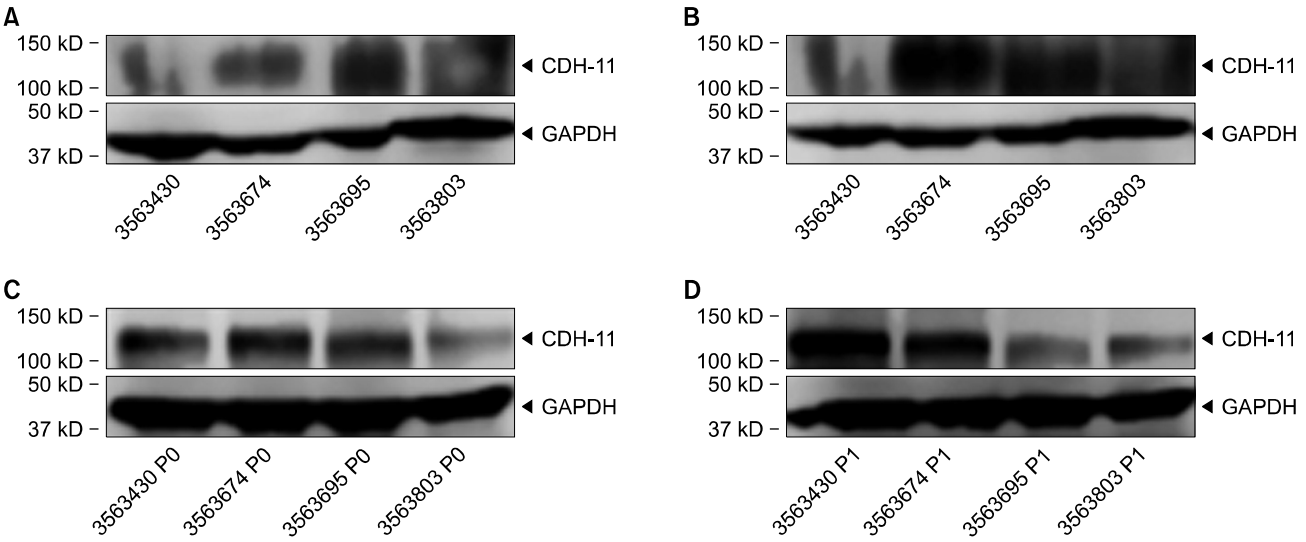

Fig. S4. MSC expansion from cryopreserved UCT expresses CDH-11. (A) Fresh UCT, (B) frozen UCT, (C) MSC expansion from fresh UCT and (D) MSC expansion from frozen UCT from 4 different donors were for protein, denatured in loading buffer containing SDS, resolved on a 4∼20% pre-cast gel and transferred onto nitrocellulose membranes. Membranes were probed with CDH-11 or GAPDH antibodies, visualized by ECL and captured on an imager.