**Collagenase solution**

Add collagenase type I powder (2 mg/ml) and gentamicin (50 μg/ml) to washing medium (DMEMF12 +10%FBS+PSG).

(Optional) add Y27632 10μM.

Filter the solution with a 0.22-μm syringe filter.

Aliquots can be stored at −20 °C for 1 month.

DMEM/F12 with HEPES (Sigma-Aldrich, cat. no. D6421)

Collagenase type I (Invitrogen, cat. no. 17100-017)

Gentamicin, 50 mg ml−1 (Invitrogen, cat. no. 15750060)

Y27632 (R&D Systems, cat. no. 1254)