Corrigendum

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Corrigendum: Lineage Tracing and Fate Mapping in *Xenopus* Embryos

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In earlier versions of this protocol, the chemical names for the formulas Na_2HPO_4 and NaH_2PO_4 were inadvertently reversed: Na_2HPO_4 should have been defined as the dibasic phosphate, and NaH_2PO_4 should have been defined as the monobasic phosphate. The HTML versions of the two recipes in which the error appeared, “Paraformaldehyde (4% in PBS)” (doi: 10.1101/pdb.rec104588) and “Phosphate-Buffered Saline (PBS) (0.1 M, pH 7.4)” (doi: 10.1101/pdb.rec104604), have been corrected, as has the most recent PDF version of the protocol. Corrected versions of the recipes are also included below.

Paraformaldehyde (4% in PBS)

1. Add 4 g of paraformaldehyde to a beaker containing 40 mL of distilled H_2O . Cover with foil and heat to 60°C in a chemical fume hood with constant stirring. Do not let the temperature rise above 65°C .
2. Add 1 N NaOH drop-wise, while stirring, until the solution just clears. Cool the solution on ice to room temperature.
3. Add 0.9 g of NaCl and stir until dissolved.
4. Add 40 mL of 0.2 M dibasic (Na_2HPO_4) phosphate buffer (PB) stock (pH 7.4) and 10 mL of monobasic (NaH_2PO_4) PB stock (pH 7.4).
Prepared PB stocks can be stored at room temperature for months.
5. Bring the volume to 100 mL with distilled H_2O .
6. Mix thoroughly and store in the refrigerator or freezer (-20°C) in small, single-use aliquots for months.

Phosphate-Buffered Saline (PBS) (0.1 M, pH 7.4)

1. Mix 40 mL of 0.2 M dibasic (Na_2HPO_4) phosphate buffer (PB) stock with 10 mL of monobasic (NaH_2PO_4) PB stock.
Prepared PB stocks can be stored at room temperature for months.
2. Add 0.9 g NaCl and stir until dissolved.
3. Bring the volume to 100 mL with distilled H_2O and adjust the pH to 7.4.

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