

APPENDIX

Solution and Buffers

1. Red cells lysis buffer

[10 mM Tris (pH7.6), 5 mM MgCl_2 , 10 mM NaCl]

2. Nuclei lysis buffer

[10 Mm Tris (pH8.0), 400 mM NaCl, 2 mM EDTA]

3. Proteinase K solution

[1 mg Proteinase K, 1% SDS, 2 mM EDTA]

4. TE buffer (pH 8.0)

[10 mM Tris (pH 8.0), 1 mM EDTA (pH 8.0)]

5. 0.5xTBE buffer

[0.045 M Tris-borate, .001 M EDTA]

6. 6x Gel loading buffer

[0.25% bromophenol blue, 40%(w/v) sucrose in water]

VITA

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