

**附表 1 不同种类裂解液成分****Appendix 1 Different components of the cracking solutions**

裂解液种类	传统裂解液	改良裂解液	裂解液 A	裂解液 B
Types of lysis buffer	Traditional lysis buffer	Improved lysis buffer	Lysis Buffer A	Lysis Buffer B
MgSO <sub>4</sub> ·7H <sub>2</sub> O	10 mmol/L	10 mmol/L	20 mmol/L	10 mmol/L
KCl	50 mmol/L	50 mmol/L	50 mmol/L	50 mmol/L
HEPES	5 mmol/L	5 mmol/L	5 mmol/L	5 mmol/L
DTT	3 mmol/L	3 mmol/L	3 mmol/L	6 mmol/L
Triton X-100	0.25%	0.25%	0.25%	0.5%
PVP	—	2%	2%	2%