# Additional File 7

| Gene | Reference | Sequence | Denature | Anneal/ time | Extend/ time | Acquis/ time |
|---|---|---|---|---|---|---|
| | | | | | | |
| Goosecoid | Xanthos et al, 2002 | U: 5′-TTC ACC GAT GAA CAA CTG GA-3′ | 95 | 55/5 | 72/11 | 82/3 |
| | | D: 5′-TTC CAC TTT TGG GCA TTT TC –3′ | | | | |
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| ADMP | Sander et al, 2007 | U: 5'-GAT GAT GGA AGG AGA GGA-3' | 95/30 | 55/60 | 72/30 | |
| | | D: 5'-TCA TGT TCT GAC CCA AAG-3' | | | | |
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| Chordin | XMMR/Xanthos 2002 | U: 5'-AAC TGC CAG GAC TGG ATG GT-3' | 95 | 55/5 | 72/12 | 81/3 |
| | | D: 5'-GGC AGG ATT TAG AGT TGC TTC-3' | | | | |
| | | | | | | |
| Noggin | XMMR/Xanthos 2002 | U: 5'-AGT TGC AGA TGT GGC TCT-3' | 95 | 55/5 | 72/12 | 84/3 |
| | | D: 5'-AGT CCA AGA GTC TGA GCA-3' | | | | |
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| Follistatin | Agius et al, 2000 | U: 5'-CAG TGC AGC GCT GGA AAG AAA T-3' | Unreported | | | |
| | | D: 5'-TGC GTTGCG GTA ATT CAC TTA C-3' | | | | |
| | | | | | | |
| Eomesodermin | Thomsen Lab, unpub | U: 5'-TCC TGT CCC CAC AGA CTA ATG-3' | 95 | 55/5 | 72/12 | 81/3 |
| | | D: 5'-TGA AGG ACT TGA CCT TGA GGA-3' | | | | |
| | | | | | | |
| Mixer | Henry and Melton 1998 | U: 5′-CAC CAG CCC AGC ACT TAA CC-3′ | 95 | 55/5 | 72/12 | 83/3 |
| | | D: 5′-CAA TGT CAC ATC AAC TGA AG-3′ | | | | |
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| Mix.2 | Xanthos et al, 2001 | U: 5'-TGC AAG CCA TCA TTA TTC TAG C-3' | 95 | 55/5 | 72/11 | 83/3 |
| | | D: 5'-AGG AAC CTC TGC CTC GAG ACA T-3' | | | | |
| | | | | | | |
| Xsox17 | Xanthos et al, 2001 | U: 5′-GCA AGA TGC TTG GCA AGT CG-3′ | 95 | 58/5 | 72/8 | 85/3 |
| | | D: 5′-GCT GAA GTT CTC TAG ACA CA-3′ | | | | |
| | | | | | | |
| Xbrachyury | Sun et al, 1999 | U: 5′-TTC TGA AGG TGA GCA TGT CG-3′ | 95 | 55/5 | 72/9 | 75/3 |
| | | D: 5′-GTT TGA CTT TGC TAA AAG AGA CAG G-3′ | | | | |
| | | | | | | |
| ODC | Cao et al, 2006 | U: 5'-CAA AGC TTG TTC TAC GCA TAG CA-3' | 95 | 55/5 | 72/5 | |
| | | D: 5'-GGT GGC ACC AAA TTT CAC ACT-3' | | | | |
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| Xvent1 | Gawantka et al, 1995 | U: 5′-GCA TCT CCT TGG CAT ATT TGG-3′ | 95 | 62/5 | 72/20 | 83/3 |
| | | D: 5′-TTC CCT TCA GCA TGG TTC ACC-3′ | | | | |
| | | | | | | |
| Xvent2 | Kofron et al, 2001 | U: 5'-TGA GAC TTG GGC ACT GTC TG-3' | 95 | 62/5 | 72/20 | 83/3 |
| | | D: 5'-CCT CTG TTG AAT GGC TTG CT-3' | | | | |
| | | | | | | |
| Msx1 | DeRobertis, unpub | U: 5'-GCT AAA AAT GGC TGC TAA-3' | 95 | 55 | 72 | |
| | | D: 5'-AGG TGG GCT GTG TAA AGT-3' | | | | |
| | | | | | | |
| Xhox3 | Suzuki et al., 1995 | U: 5'-ATA TGA TGA GCC ACG CAG CAG-3' | Unreported | | | |
| | | D: 5'-CAG ATG CTG CAG CTC TTT GGC-3' | | | | |


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