

|                                          |                    |
|------------------------------------------|--------------------|
| ATAAATAGTTGAGGGGTGGTT                    | U PRIMER           |
| TTAUGTGAUAAATAGUTGAGGGGUGGTUGGGUUAGAAUG  | FULLY UNMETHYL SEQ |
| U U U U UU UU U                          |                    |
| TTACGTGAACAAATAGCTGAGGGGCGGCGGGCCAGAACG  | ORIGINAL           |
| M U U M UM UU M                          |                    |
| ttaCGtgaauaaatagutgaggggCGgtCGgguuagaaCG | FULLY METHYL SEQ   |
| ATAAATAGTTGAGGGGCGGTC                    | M PRIMER           |