Based on our analysis of N4218, we recommend the following sequences and names to cover letters for Uyghur and Chaghatay. The names of the sequences are based on the names for the basic Arabic components. Because similar sequences are used for other Turkic languages, a more general naming convention would allow their use for other languages.

ARABIC SEQUENCE YEH WITH HAMZA ABOVE WITH ALEF;0626 0627
  = Uyghur letter A
ARABIC SEQUENCE YEH WITH HAMZA ABOVE WITH WAW;0626 0648
  = Uyghur letter O
ARABIC SEQUENCE YEH WITH HAMZA ABOVE WITH ALEF MAKSURA;0626 0649
  = Uyghur letter I
ARABIC SEQUENCE YEH WITH HAMZA ABOVE WITH OE;0626 06C6
  = Uyghur letter OE
ARABIC SEQUENCE YEH WITH HAMZA ABOVE WITH U;0626 06C7
  = Uyghur letter U
ARABIC SEQUENCE YEH WITH HAMZA ABOVE WITH YU;0626 06C8
  = Uyghur letter OU
ARABIC SEQUENCE YEH WITH HAMZA ABOVE WITH E;0626 06D0
  = Uyghur letter E
ARABIC SEQUENCE YEH WITH HAMZA ABOVE WITH AE;0626 06D5
  = Uyghur letter AE
ARABIC SEQUENCE NOON WITH KEHEH;0646 06A9
  = Chaghatay letter NG