

Figure S1

Conservation of p.Q178 in different DLX classes
(DLX1-6) and isoforms

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DLX1_Human    PERAE LAAS LGLTQTQV KIWFQNKRSKFKKLMKQGGAAL EGS
DLX6.2_Human PERAE LAAS LGLTQTQV KIWFQNKRSKFKKLLKQGSNP HESD
DLX6.1_Human PERAE LAAS LGLTQTQV KIWFQNKRSKFKKLLKQGSNP HESD
DLX3_Human    PERAE LAAQLGLTQTQV KIWFQNRRSKFKKLYKNGEVP LEHS
DLX5_Human    PERAE LAAS LGLTQTQV KIWFQNKRSKIKKIMKNGEMP PEHS
DLX4.1_Human PERAQLAAQLGLTQTQV KIWFQNKRSKYKKLLKQNSGGQ EGD
DLX4.2_Human PERAQLAAQLGLTQTQV KIWFQNKRSKYKKLLKQNSGGQ EGD
DLX2_Human    PERAE LAAS LGLTQTQVGL APCRGEESAGLRWLGSRRV
DLX4.3_Human PERAQLAAQLGLTQTQV GPVSSFPPI SHLPWFSGNSSPSPSCE
Consensus     PERA#LAAqLGLTQTQVkiwfmkrsk.kkl.k.gs...e..
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