EXPLORATION DE LA SURDITE

Liste des gènes analysés en NGS (* gènes communs)

Surdités non syndromiques	
Dominante (DFNA) (33 gènes)	ACTG1, CCDC50, CEACAM16, COCH, COL11A2*, CRYM, DFNA5, DIABLO (SMAC), DIAPH1, DSPP*, EYA4 , GJB2*,GJB3*, GJB6*, GRHL2, KCNQ4, KIAA1199 (CEMIP), MIRN96, MIR182, MIR183 MYH14, MYH9, MYO6, MYO7A, P2RX2, POU4F3, SIX1*, SLC17A8, TECTA, TJP2, TMC1*,TNC, WFS1*
Récessive (DFNB) (60 gènes)	ADCY1, ATP2B2, BDP1, BSND, CABP2, CDH23*, CIB2*, CLIC5, CLDN14, COL11A2*, ELMOD3, EPS8, ESPN, ESRRB, GIPC3, GJB2*, GJB3*, GJB6*, GPSM2, GRXCR1, GRXCR2, HGF, ILDR1, KARS , LHFPL5, LHX3, LOXHD1, LRTOMT, MARVELD2, MSRB3, MTAP, MYO1F*, MYO15A, MYO3A, MYO6*, MYO7A*, OTOA, OTOF, OTOG, PJVK (DFNB59), PCDH15*, PNPT1, PTPRQ, RDX, SERPINB6, SLC4A11, SLC26A4*, SLC26A5, SLC52A2, STRC, SYNE4, TBC1D24,TMC1*, TMIE, TMPRSS3, TPRN, TRIOBP, TSPEAR, USH1C*, WHRN*
Lié à l'X	COL4A6, POU3F4, PRPS1, SMPX, TBL1X
AUNA	DIAPH3
Surdités syndromiques	
USHER (12 gènes)	MYO7A*(USH1B), USH1C*, CDH23 (USH1D), PCDH15* (USH1F), SANS (USH1G), CIB2 (USH1K), USH2A, ADGRV1(USH2C, GPR98), WHRN*(USH2D), CLRN1 (USH3), HARS, PDZD7 (USH3B)
Branchiooculofacial -BOF	TFAP2A
BOR	EYA1, SIX1*, SIX5
cérebrooculofacial-COFS	ERCC2
Alport	COL4A3, COL4A4, COL4A5*
Charge	CHD7, SEMA3E
Pendred	SLC26A4*, FOXI1, KCNJ10,
Perrault	CLPP, HARS2, HSD17B4, LARS2
Stickler	COL2A1, COL9A1, COL9A2, COL11A1, COL11A2,
Jervel et Lange Nielsen	KCNE1, KCNQ1
Norrie	NDP
Waardenburg et Hirschprung	ECE1, EDNRA, EDNRB, EDN3, MITF, PAX3, SNAI2, SOX10,
Treacher Collins	POLR1C, POLR1D, TCOF1,
Autres surdités syndromiques	
Atrésie congénitale	TSHZ1
Alagille	JAG1
Dentinogenèse imparfaite	DSPP*
LAMM	FGF3
Muenke	FGFR3
Barakat (HDR)	GATA3
Microphtalmia Piebaldisme et surdité	SOX2 KIT
Mohr-Tranebjaerg (MTS)	TIMM8A
Wolfram	WFS1*
CMT disease & surdité	PMP22