

Appendix 5

Summary of *in-silico* results.

Gene	Brain(whole)	Ear	Eye	Nervous_normal	Heart	Aorta	Pharynx	Oesophagus	Stomach	Liver	Pancreas	Intestine	Colon	Gallbladder	Kidney	Bladder	Prostate	Genitourinary	Endometrium	Uterus	Cervix	Cervical carcinoma cell-line, Hela S3	Ovary	Breast
AIF1_6p21.33	0	0	1	1	1	1	0	0	1	1	0	0	1	0	1	0	1	0	0	1	0	0	1	1
AIF1-L_9q34.12	1	0	1	1	1	0	0	0	1	1	1	0	1	0	1	0	1	0	0	1	1	0	1	1
BRD2_6p21.32	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1
BRDT_1p22.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRD3_9q34.2	1	0	1	1	0	1	0	0	1	0	1	1	1	0	1	0	0	0	0	1	1	0	1	1
BRD4_19p13.12	1	0	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	0	0	1	1	0	1	1
C4_6p21.33	1	0	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	0	1	0	0	0	1	1
C5_9q33.2	1	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1	0	0	0
C3_19p13.3	1	0	1	1	1	0	0	0	1	1	1	0	1	1	1	0	1	0	1	1	1	1	1	1
CLIC1_6p21.33	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
CLIC4_1p35.3	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	0	0	1	0	0	1	1
CLIC3_9q34.3	1	1	0	0	1	0	0	0	0	1	1	0	1	0	1	1	1	0	0	1	1	0	0	0
CLIC5_6p21.1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1
CLIC6_21q22.12	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CLIC2_Xq28	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	1	0	0	1	1
GPX5_6p22.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GPX4_19p13.3	1	0	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1
GPX1_3p21.31	1	0	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1
GPX3_5q33.1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1
GPX2_14q23.3	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	1	0	0	1	1
NOTCH4_6p21.33	1	0	0	1	1	0	0	0	0	1	1	0	1	0	1	0	1	0	0	1	0	0	1	1
NOTCH2_1p11.2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
NOTCH1_9q34.3	1	0	0	1	1	0	0	1	1	0	1	1	1	0	1	0	0	0	0	1	0	0	0	1
NOTCH3_19p13.12	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	0	1	1	0	1	0	0	1	1
PBX2_6p21.33	0	0	1	1	0	0	0	0	1	1	1	1	1	0	1	0	1	0	0	1	0	1	1	0
PBX1_1q23.3	1	0	1	0	1	0	0	0	1	1	0	0	1	0	1	0	1	1	0	1	0	0	1	1
PBX3_9q33.3	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1
PBX4_19p13.11	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
RXRB_6p21.32	1	0	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1
RXRG_1q23.3	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
RXRA_9q34.2	1	0	1	1	1	0	0	0	1	1	1	0	1	0	1	1	1	0	0	1	1	0	1	1
TUBB_6p21.3	1	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1
TUBB4_16q24.3	1	0	1	1	1	0	0	0	1	1	1	0	1	0	1	0	0	0	0	1	0	0	1	1
TUBBL_18p11.3	1	1	1	0	1	1	0	0	1	1	1	0	0	0	1	0	1	0	1	1	1	0	0	1
TUBB5_19p13.3	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
TUBB1_20q13.3	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0

In-silico results continued (part 2 of 3).

<i>Gene</i>	<i>Testis</i>	<i>Epididymis</i>	<i>Placenta</i>	<i>Germ cell</i>	<i>Amnion_normal</i>	<i>Spleen</i>	<i>Thymus</i>	<i>Leukocyte</i>	<i>Lymph node</i>	<i>Lymphatic</i>	<i>Bone marrow</i>	<i>B cell</i>	<i>T cell</i>	<i>Macrophage</i>	<i>Monocyte</i>	<i>Blood</i>	<i>Nose</i>	<i>Trachea</i>	<i>Lung</i>	<i>Adrenal gland</i>	<i>Parathyroid</i>	<i>Thyroid gland</i>	<i>Pineal</i>	<i>Pituitary</i>
AIF1_6p21.33	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	0
AIF1-L_9q34.12	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
BRD2_6p21.32	1	0	1	0	0	1	0	0	0	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1
BRDT_1p22.1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRD3_9q34.2	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0
BRD4_19p13.12	1	1	1	1	0	1	1	1	0	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0
C4_6p21.33	0	1	1	1	0	1	0	0	1	0	1	1	1	0	0	1	1	0	1	1	1	0	0	1
C5_9q33.2	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
C3_19p13.3	1	1	1	1	0	1	0	0	1	0	1	0	1	1	0	0	1	0	1	1	1	1	0	0
CLIC1_6p21.33	1	1	1	1	1	1	1	0	1	0	1	1	1	0	0	1	0	0	1	1	1	1	0	1
CLIC4_1p35.3	1	0	1	1	1	0	0	0	1	0	1	1	1	0	0	1	0	0	1	1	1	1	1	0
CLIC3_9q34.3	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
CLIC5_6p21.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CLIC6_21q22.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
CLIC2_Xq28	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0
GPX5_6p22.1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GPX4_19p13.3	1	1	1	1	0	0	0	1	1	0	1	1	1	0	0	1	0	0	1	1	1	0	1	0
GPX1_3p21.31	1	1	1	1	0	1	1	1	1	0	1	1	1	0	0	1	1	0	1	1	1	1	1	1
GPX3_5q33.1	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
GPX2_14q23.3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
NOTCH4_6p21.33	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
NOTCH2_1p11.2	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	0	1	1	1	0	1	0
NOTCH1_9q34.3	1	0	1	1	0	0	0	1	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0
NOTCH3_19p13.12	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0
PBX2_6p21.33	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0
PBX1_1q23.3	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
PBX3_9q33.3	1	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	0	1
PBX4_19p13.11	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
RXRB_6p21.32	1	1	1	1	0	1	0	1	1	0	0	1	0	0	0	1	0	0	1	0	1	1	0	0
RXRG_1q23.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
RXRA_9q34.2	1	0	1	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0
TUBB_6p21.3	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	0	1	1	1
TUBB4_16q24.3	1	0	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1
TUBBL_18p11.3	0	0	1	1	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0
TUBB5_19p13.3	1	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
TUBB1_20q13.3	1	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0

In-silico results continued (part 3 of 3).

<i>Gene</i>	<i>Salivary gland</i>	<i>Mammary gland</i>	<i>Skin</i>	<i>Bone</i>	<i>Adipose</i>	<i>Connective</i>	<i>Fibroblast</i>	<i>Cartilage</i>	<i>Muscle</i>	<i>Tongue</i>	<i>Synovial membrane</i>	<i>Mixed</i>	<i>Unknown</i>
AIF1_6p21.33	0	0	1	1	0	0	0	0	1	0	0	1	1
AIF1-L_9q34.12	0	0	1	1	0	0	0	0	1	0	0	1	1
BRD2_6p21.32	0	0	1	1	1	1	1	0	1	1	1	1	1
BRDT_1p22.1	0	0	0	0	0	0	0	0	0	0	0	1	1
BRD3_9q34.2	0	0	1	1	0	0	0	1	1	0	0	1	1
BRD4_19p13.12	1	0	0	1	1	0	1	1	1	1	0	1	1
C4_6p21.33	0	0	1	0	1	0	0	1	0	1	0	1	1
C5_9q33.2	0	0	1	0	0	0	0	1	0	1	0	1	1
C3_19p13.3	0	0	1	1	1	0	1	1	1	1	0	1	1
CLIC1_6p21.33	0	0	1	1	1	0	1	1	1	0	0	1	1
CLIC4_1p35.3	0	0	1	1	1	0	1	1	1	0	0	1	1
CLIC3_9q34.3	0	0	0	0	0	0	1	0	0	0	0	1	0
CLIC5_6p21.1	0	0	0	0	0	0	0	0	0	0	0	1	1
CLIC6_21q22.12	0	0	0	1	0	0	0	0	0	0	0	1	1
CLIC2_Xq28	0	0	0	1	0	0	0	0	1	0	0	1	0
GPX5_6p22.1	0	0	0	0	0	0	0	0	0	0	0	0	0
GPX4_19p13.3	0	0	1	1	1	0	1	1	1	0	0	1	1
GPX1_3p21.31	1	0	1	1	0	0	1	1	1	1	1	1	1
GPX3_5q33.1	1	0	1	0	1	0	0	1	1	1	1	1	1
GPX2_14q23.3	0	0	1	0	0	0	0	0	0	0	0	1	1
NOTCH4_6p21.33	0	0	1	0	0	0	0	0	0	0	0	1	1
NOTCH2_1p11.2	0	0	1	1	0	1	1	1	1	0	1	1	1
NOTCH1_9q34.3	0	0	0	0	0	0	0	0	0	0	0	1	1
NOTCH3_19p13.12	0	0	1	0	0	0	1	0	0	1	0	1	1
PBX2_6p21.33	0	0	1	0	0	0	0	0	1	0	0	1	1
PBX1_1q23.3	0	0	0	0	0	0	0	1	0	0	0	1	0
PBX3_9q33.3	0	0	0	1	0	0	1	1	0	0	0	1	1
PBX4_19p13.11	0	0	1	0	0	0	0	0	0	0	0	1	0
RXRB_6p21.32	0	0	1	0	0	0	1	1	0	0	0	1	1
RXRG_1q23.3	0	0	1	0	0	0	0	0	1	0	0	1	1
RXRA_9q34.2	0	0	1	1	0	0	1	1	1	0	0	1	1
TUBB_6p21.3	0	1	1	1	1	0	1	1	1	0	1	1	1
TUBB4_16q24.3	0	0	1	1	0	0	1	1	0	0	0	1	1
TUBBL_18p11.3	0	1	1	1	1	0	1	0	1	0	0	1	1
TUBB5_19p13.3	0	1	0	0	0	0	0	0	0	0	0	1	1
TUBB1_20q13.3	0	0	0	0	0	0	0	0	0	0	0	1	1