

## List of genes in association study and gene coordinates

Gene of Interest	chr#	Start	End
<i>DIO1</i>	chr1	53879779	53926574
<i>PIAS3</i>	chr1	145832505	145876560
<i>RXRG</i>	chr1	165346715	165499575
<i>OTX1</i>	chr2	63035597	63131383
<i>NEUROD1</i>	chr2	181647107	181693113
<i>THRB</i>	chr3	23970618	24697919
<i>NR2F1 (COUP-TFI)</i>	chr5	93319359	93628069
<i>OPN1SW</i>	chr7	128759936	128801444
<i>RORB</i>	chr9	74405551	74732495
<i>CYP26A1/C1</i>	chr10	93049490	93167890
<i>NRL</i>	chr14	24068098	24141275
<i>OTX2</i>	chr14	56755757	56970833
<i>DIO2</i>	chr14	80137530	80506478
<i>DIO3</i>	chr14	101447117	101623452
<i>ONECUT1</i>	chr15	52686989	52880012
<i>NR2E3</i>	chr15	71773279	71832289
<i>NR2F2 (COUP-TFII)</i>	chr15	96074584	96352953
<i>RARA</i>	chr17	40294657	40370655
<i>ONECUT 2</i>	chr18	57358933	57558283
<i>SALL3</i>	chr18	78908993	79079394
<i>LW/MW gene region</i>	chrX	154087755	154305671