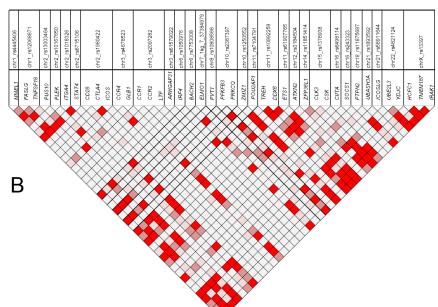


chr1_rs4445406	chr1_rs44455406 chr1_rs12068671		chr2_rs10167650	chr2_rs1018326	chr2_rs6715106	chr2_rs1980422			chr3_rs4678523		chr3_rs2097282			chr3_rs61579022	chr6_rs1050976	chr6_rs7753008	chr7_1kg_7_37384979	chr8_rs10808568	chr10 rs2387397	200.000	chr10_rs1250552	chr11_rs7104791	chr11_rs10892258		chr11_rs61907765	chr12_rs3184504	chr14_rs11851414	chr15_rs1378938		chr16_rs6498114	chr16_rs243323	chr18_rs11875687	chr21_rs1893592	chr21_rs58911644	chr22_r94821124			chrX_rs13397
MAMEL 1		PUS10			STAT4		_	300/	CCR4	GLB1	CCR1	CCR2	1TF	ARHGAP31	IRF4	BACH2 o	ELMO1	PVT1		PRKCQ	ZMIZ1	POU2AF1	TREH	exaa		ATXN2	ZFP36L1	CTK3	CSK	CIITA	SOCS1	PTPN2 (	UBASH3A o	975021	UBE2L3	YDJC	HCFC1	TMEM187
<				X	X		X		X	X			X	X			X	X	X	X	X		X	X			X	X	X	X	X	X			X	X		
_	•	_	$\langle \rangle$	X			X															X		X											<b>&gt;</b>	<i>&gt;</i>		
L	,					$\langle \rangle$	X	$\stackrel{>}{>}$	$\stackrel{\wedge}{>}$							$\langle \rangle$		$\stackrel{\wedge}{\geqslant}$		$\stackrel{>}{\downarrow}$	$\stackrel{>}{>}$	$\stackrel{>}{>}$		$\stackrel{>}{>}$				$\stackrel{>}{>}$	$\stackrel{>}{>}$	$\bigotimes$			<i>y</i>					
									$\Diamond$	Image: control of the	$\langle \rangle$	$\langle \rangle$					$\stackrel{\bigcirc}{\searrow}$							$\stackrel{\bigcirc}{>}$		$\stackrel{\bigcirc}{>}$	$\otimes$		$\Rightarrow$									
											`	$\vee$	<	$\langle$						$\times$	$\times$					>												



**Supplementary Figure 1**: Gene pair coexpression matrixes for the different disease statuses (A. at diagnosis, B. >2y GFD and C. controls). Each small square represents the p value for the correlation of the expression level in a specific gene pair. Red, dark pink, light pink and white indicate Pearson's correlation p values of p<0.0001, p<0.001, p<0.01 and p>0.01 respectively.