

S2 Table. Indipendent evidence for gene-gene pairs of co-expression and genetic interactions in literature. The table shows indipendent evidence for gene-gene pairs of co-expression and genetic interactions in literature. All the genes refer to the *DRD2* detected community.

Gene 1	Gene 2	Type	Source
USH2A	EFCAB6	Co-expression	Smirnov-Cheung-2009 [1]
OR2S2	USH2A	Co-expression	Smirnov-Cheung-2009 [1]
PTPN7	TTN	Co-expression	Smirnov-Cheung-2009 [1]
JPH2	EFCAB6	Co-expression	Smirnov-Cheung-2009 [1]
GATAD2A	MAP4	Co-expression	Smirnov-Cheung-2009 [1]
DAZAP1	GATAD2A	Co-expression	Smirnov-Cheung-2009 [1]
TTN	MAP4	Co-expression	Perou-Botstein-1999 [2]
GATAD2A	DHX9	Co-expression	Perou-Botstein-1999 [2]
RNF128	IGSF1	Co-expression	Mallon-McKay-2013 [3]
USH2A	TAS2R42	Co-expression	Mallon-McKay-2013 [3]
OR2S2	ARSB	Co-expression	Dobbin-Giordano-2005 [4]
PTPN7	ARSB	Co-expression	Dobbin-Giordano-2005 [4]
JPH2	EFCAB6	Co-expression	Dobbin-Giordano-2005 [4]
ING1	SDK2	Co-expression	Ramaswamy-Golub-2001 [5]
ING1	IGSF1	Co-expression	Ramaswamy-Golub-2001 [5]
PTPN7	IGSF1	Co-expression	Burington-Shaughnessy-2008 [6]
PTPN7	IGSF1	Co-expression	Wu-Garvey-2007 [7]
GATAD2A	NEURL4	Co-expression	Innocenti-Brown-2011 [8]
EFCAB6	PCBD2	Genetic Interactions	Lin-Smith-2010 [9]
CNR1	EFCAB6	Genetic Interactions	Lin-Smith-2010 [9]
CNR1	DRD2	Genetic Interactions	Lin-Smith-2010 [9]
IGSF1	DRD2	Genetic Interactions	Lin-Smith-2010 [9]
IGSF1	DNAH9	Genetic Interactions	Lin-Smith-2010 [9]
RNF128	MAP4	Genetic Interactions	Lin-Smith-2010 [9]
ING1	DRD2	Genetic Interactions	Lin-Smith-2010 [9]
ING1	IGSF1	Genetic Interactions	Lin-Smith-2010 [9]
TTN	GPLD1	Genetic Interactions	Lin-Smith-2010 [9]
USH2A	TTN	Genetic Interactions	Lin-Smith-2010 [9]
LTBP1	DRD2	Genetic	Lin-Smith-2010 [9]

		Interactions	
LTBP1	DNAH9	Genetic Interactions	Lin-Smith-2010 [9]
LTBP1	IGSF1	Genetic Interactions	Lin-Smith-2010 [9]
ARSB	GPLD1	Genetic Interactions	Lin-Smith-2010 [9]
DHX9	PCBD2	Genetic Interactions	Lin-Smith-2010 [9]
PTPN7	DRD2	Genetic Interactions	Lin-Smith-2010 [9]

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