

## **A comprehensive screening of copy-number variability in dementia with Lewy bodies**

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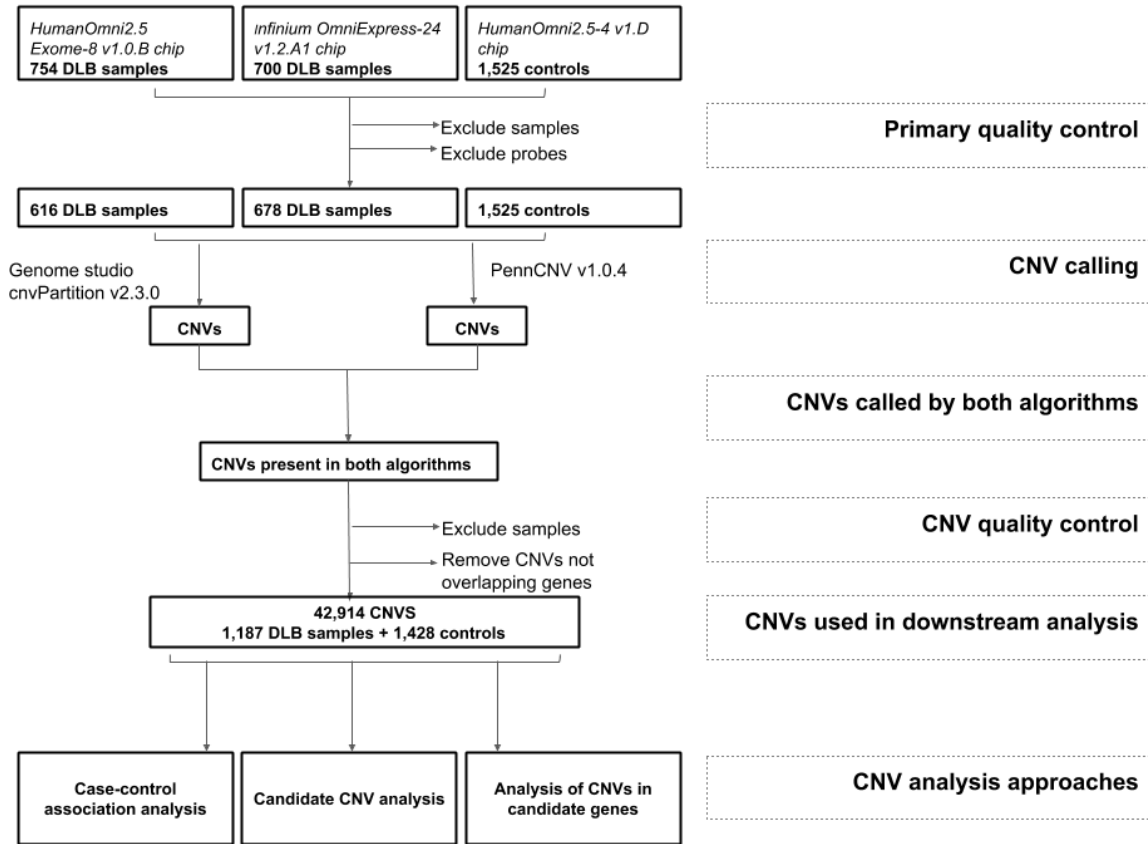
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## Supplementary Figure 1. Study overview.



Overview of methods, quality control steps, samples and different analyses performed in this study.

**Supplementary Table 1. CNVs previously associated with AD, PD and FTD studied in the candidate CNVs approach.**

<b>AD</b>		
15q11.2	Ghani et al., 2012	<i>CYFIP1,NIPA1,NIPA2,TUBGCP5,WHAMML1</i>
15q13.3	Heinzen et al., 2010	<i>CHRNA7</i>
<i>APC2</i>	Zheng et al., 2015	
chr16:29,554,843-30,105,652	Zheng et al., 2014	<i>ASPHD1,ALDOA,BOLA2,C16orf54,C16orf92,CDIPT,CDIPT-AS1,DOC2A,FAM57B,HIRIP3,INO80E,KCTD13,KIF22,MAZ,MVP,PAGR1,PPP4C,PRRT2,QPRT,SEZ6L2,SPN,TAOK2,TBX6,TMEM219,YPEL,ZG16</i>
<i>CHRFAM7A</i>	Swaminathan et al., 2011	
<i>CNTLN</i>	Zheng et al., 2015	
<i>CSMD1</i>	Swaminathan et al., 2011	
<i>HLA-DRA</i>	Swaminathan et al., 2012	
<i>HNRNPCL1</i>	Swaminathan et al., 2011	
<i>JAG2</i>	Zheng et al., 2015	
<i>SET</i>	Zheng et al., 2015	
<i>ZFPM1</i>	Zheng et al., 2015	
<b>PD</b>		
22q11.2	Mok et al., 2016	
<i>DOCK5</i>	Pankratz et al., 2011	
<i>OVOS2</i>	Liu et al., 2013	
<i>TH</i>	Bademci et al., 2010	
<i>USP32</i>	Pankratz et al., 2011	
<b>FTD</b>		
<i>RUNDC3A</i>	Gijssels et al., 2008	
<i>SLC25A39</i>	Gijssels et al., 2008	

**Supplementary Table 2. Genes previously associated with DLB-related diseases and studied in the candidate genes approach.**

<b>AD</b>						
APP	PSEN1	PSEN2	APOE	TREM2	CLU	PICALM
CR1	BIN1	MS4A6A	MS4A4E	CD33	ABCA7	CD2AP
EPHA1	HLA-DRB5	HLA-DRB1	SORL1	PTK2B	SLC24A4	ZCWPW1
CELF1	FERMT2	CASS4	INPP5D	MEF2C	NME8	
<b>PD</b>						
SNCA	PARK2	PINK1	PARK7/DJ-1	LRRK2	PLA2G6	FBXO7
VPS35	ATP13A2	DNAJC6	SYNJ1	GBA	MAPT	RAB7L1
BST1	GAK	ACMSD	STK39	SYT11	FGF20	STX1B
GPNMB	SIPA1L2	INPP5F	MIR4697HG	GCH1	VPS13C	DDRDK1
MCCC1	SCARB2	CCDC62	RIT2	SREBF1		
<b>FTD</b>						
GRN	CHMP2B	HNRNPA1	HNRNPA2B1	SQSTM1	OPTN	CHCHD10
VCP	SIGMAR1	PRKAR1B	TMEM106B	UBQLN2	ATXN2	
<b>DLB</b>						
CNTN1	CYP2D6	EIF4G1	BCL7C/STX1B	GABRB3	GIGYF2	PRNP
SNCB	SOX17					
<b>Additional genes</b>						
ANG	CCNF	CSF1R	CSF1R	CTSC	CYLD	DCTN1
FUS	GLE1	ITM2B	MATR3	NEK1	NOTCH3	PFN1
PNPLA6	RAB38	SERPINI1	SERPINI1	SOD1	TAF15	TARDBP
TBK1	TIA1	TUBA4A	TYROBP	VAPB		