

 Wave IV DNA Data

Title	Wave IV DNA Data
File Name	w4dna.sas7bdat
Case Quantity	15701
Variable Count	29

 DAT1A - DOPAMINE TRANSPORTER-DAT1-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine Transporter-DAT1-Allele A

			Frequency	% of total	% of valid
Valid	10R	10R	8870	56.49%	59.95%
	11R	11R	4	0.03%	0.03%
	3R	3R	39	0.25%	0.26%
	7R	7R	53	0.34%	0.36%
	8R	8R	181	1.15%	1.22%
	9R	9R	5648	35.97%	38.18%
		Total	14,795	94.23%	100%

Valid	Invalid
14795	906

 DAT1B - DOPAMINE TRANSPORTER-DAT1-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine Transporter-DAT1-Allele B

			Frequency	% of total	% of valid
Valid	10R	10R	13717	87.36%	92.71%
	11R	11R	224	1.43%	1.51%
	13R	13R	3	0.02%	0.02%
	7R	7R	1	0.01%	0.01%
	8R	8R	11	0.07%	0.07%
	9R	9R	839	5.34%	5.67%
		Total	14,795	94.23%	100%

Valid	Invalid
14795	906

 DAT1_FLG - DOPAMINE TRANSPORTER-DAT1 FLAG

Type	Code
Measurement Unit	numeric
Description	Dopamine Transporter-DAT1 FLAG

			Frequency
Valid	1	Genotype value from Wave III data	0

Valid	Invalid
0	15587

 DRD4A - DOPAMINE RECEPTOR-DRD4-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine Receptor-DRD4-Allele A

			Frequency	% of total	% of valid
Valid	2R	2R	2369	15.09%	16%
	3.39R	3.39R	15	0.1%	0.1%
	3R	3R	855	5.45%	5.77%
	4R	4R	10654	67.86%	71.94%
	5R	5R	124	0.79%	0.84%
	6R	6R	62	0.39%	0.42%
	7R	7R	723	4.6%	4.88%
	8R	8R	8	0.05%	0.05%
		Total	14,810	94.33%	100%

Valid	Invalid
14810	891

 DRD4B - DOPAMINE RECEPTOR-DRD4-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine Receptor-DRD4-Allele B

			Frequency	% of total	% of valid
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Valid	10R	10R	14	0.09%	0.09%
	2R	2R	172	1.1%	1.16%
	3R	3R	101	0.64%	0.68%
	4R	4R	8307	52.91%	56.09%
	5R	5R	404	2.57%	2.73%
	6R	6R	251	1.6%	1.69%
	7R	7R	5161	32.87%	34.85%
	8R	8R	379	2.41%	2.56%
	9R	9R	21	0.13%	0.14%
		Total	14,810	94.33%	100%

Valid	Invalid
14810	891

DRD4_FLG - DOPAMINE RECEPTOR-DRD4 FLAG

Type	Code
Measurement Unit	numeric
Description	Dopamine Receptor-DRD4 FLAG

			Frequency
Valid	1	Genotype value from Wave III data	0

Valid	Invalid
0	15591

HTTLPR - SEROTONIN TRANSPORTER-5HTTLPR-ALLELE A

Type	Code
Measurement Unit	text
Description	Serotonin Transporter-5HTTLPR-Allele A

			Frequency	% of total	% of valid
Valid	14R	14R	9733	61.99%	65.07%
	16R	16R	5220	33.25%	34.9%
	18R	18R	2	0.01%	0.01%
	20R	20R	1	0.01%	0.01%
	22R	22R	1	0.01%	0.01%
		Total	14,957	95.26%	100%

Valid	Invalid
14957	744

 HTTLPRB - SEROTONIN TRANSPORTER-5HTTLPR-ALLELE B

Type	Code
Measurement Unit	text
Description	Serotonin Transporter-5HTTLPR-Allele B

			Frequency	% of total	% of valid
Valid	14R	14R	2858	18.2%	19.11%
	16R	16R	11987	76.35%	80.14%
	17R	17R	1	0.01%	0.01%
	18R	18R	15	0.1%	0.1%
	19R	19R	2	0.01%	0.01%
	20R	20R	83	0.53%	0.55%
	22R	22R	11	0.07%	0.07%
		Total	14,957	95.26%	100%

Valid	Invalid
14957	744

 HTTLPR_F - SEROTONIN TRANSPORTER-5HTTLPR FLAG

Type	Code
Measurement Unit	numeric
Description	Serotonin Transporter-5HTTLPR FLAG

			Frequency
Valid	1	Genotype value from Wave III data	0

Valid	Invalid
0	15610

 MAOA_VA - MONOAMINE OXIDASE A-uVNTR-ALLELE A

Type	Code
Measurement Unit	text
Description	Monoamine Oxidase A-uVNTR-Allele A

			Frequency	% of total	% of valid
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Valid	2.5R	2.5R	1	0.01%	0.01%
	2R	2R	308	1.96%	2.08%
	3.5R	3.5R	182	1.16%	1.23%
	3R	3R	7491	47.71%	50.55%
	4R	4R	6766	43.09%	45.65%
	5R	5R	72	0.46%	0.49%
		Total	14,820	94.39%	100%

Valid	Invalid
14820	881

MAOA_VB - MONOAMINE OXIDASE A-uVNTR-ALLELE B

Type	Code
Measurement Unit	text
Description	Monoamine Oxidase A-uVNTR-Allele B

			Frequency	% of total	% of valid
Valid	2R	2R	5	0.03%	0.06%
	3.5R	3.5R	65	0.41%	0.82%
	3R	3R	1280	8.15%	16.21%
	4R	4R	6391	40.7%	80.94%
	5R	5R	155	0.99%	1.96%
		Total	7,896	50.29%	100%

Valid	Invalid
7896	7805

MAOA_FLG - MONOAMINE OXIDASE A-uVNTR FLAG

Type	Code
Measurement Unit	numeric
Description	Monoamine Oxidase A-uVNTR FLAG

			Frequency
Valid	1	Genotype value from Wave III data	0

Valid	Invalid
0	15594

LALGSA - LaLgS-ALLELE A

Type	Code
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Measurement Unit	text
Description	LaLgS - Allele A

			Frequency	% of total	% of valid
Valid	18R	18R	2	0.01%	0.01%
	20R	20R	1	0.01%	0.01%
	L-A	L-A	4980	31.72%	33.57%
	L-G	L-G	203	1.29%	1.37%
	S	S	9646	61.44%	65.03%
	S-G	S-G	1	0.01%	0.01%
		Total	14,833	94.47%	100%

Valid	Invalid
14833	868

LALGSB - LaLgS-ALLELE B

Type	Code
Measurement Unit	text
Description	LaLgS - Allele B

			Frequency	% of total	% of valid
Valid	17R	17R	1	0.01%	0.01%
	18R	18R	15	0.1%	0.1%
	19R	19R	2	0.01%	0.01%
	20R	20R	83	0.53%	0.56%
	22R	22R	10	0.06%	0.07%
	L-A	L-A	9080	57.83%	61.21%
	L-G	L-G	2808	17.88%	18.93%
	S	S	2834	18.05%	19.11%
		Total	14,833	94.47%	100%

Valid	Invalid
14833	868

TRIA - TRIALLELIC ACTIVITY BINS IN 5HTTLPR-A

Type	Code
Measurement Unit	text
Description	Triallelic Activity Bins in 5HTTLPR-A

			Frequency	% of total	% of valid
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Valid	L'	L'	4983	31.74%	33.59%
	S'	S'	9850	62.73%	66.41%
		Total	14,833	94.47%	100%

Valid	Invalid
14833	868

TRIB - TRIALLELIC ACTIVITY BINS IN 5HTTLPR-B

Type	Code
Measurement Unit	text
Description	Triallelic Activity Bins in 5HTTLPR-B

			Frequency	% of total	% of valid
Valid	L'	L'	9191	58.54%	61.96%
	S'	S'	5642	35.93%	38.04%
		Total	14,833	94.47%	100%

Valid	Invalid
14833	868

DRD2A - DOPAMINE D2 RECEPTOR-TAQIA-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine D2 Receptor-TaqIA (rs1800497)-Allele A

			Frequency	% of total	% of valid
Valid	A	A	6653	42.37%	45.3%
	G	G	8034	51.17%	54.7%
		Total	14,687	93.54%	100%

Valid	Invalid
14687	1014

DRD2B - DOPAMINE D2 RECEPTOR-TAQIA-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine D2 Receptor-TaqIA (rs1800497)-Allele B

			Frequency	% of total	% of valid
Valid	A	A	1090	6.94%	7.42%
	G	G	13597	86.6%	92.58%

	Total	14,687	93.54%	100%
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Valid	Invalid
14687	1014

DRD2_FLG - FLAG FOR DRD2

Type	Code
Measurement Unit	numeric
Description	Flag for DRD2

			Frequency	% of total	% of valid
Valid	1	genotype value from Wave III data	141	0.9%	0.94%
	2	genotype from 32 Plex	12092	77.01%	80.31%
	3	genotype from 144 Plex	2186	13.92%	14.52%
	4	genotype from Taqman	637	4.06%	4.23%
Total			15,056	95.89%	100%
Missing	.	no saliva sample available for DNA testing	558	3.55%	
	5	not genotyped **	87	0.55%	
Total			645	4.11%	

Valid	Invalid	Minimum	Maximum
15056	645	1	4

S000005A - RS4680 - ALLELE A

Type	Code
Measurement Unit	text
Description	RS4680 - Allele A

			Frequency	% of total	% of valid
Valid	A	A	9667	61.57%	65.62%
	G	G	4471	28.48%	30.35%
Total			14,732	93.83%	100%

Valid	Invalid
14732	969

S000005B - RS4680 - ALLELE B

Type	Code
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Measurement Unit	text
Description	RS4680 - Allele B

			Frequency	% of total	% of valid
Valid	A	A	2898	18.46%	19.67%
	G	G	11240	71.59%	76.3%
Total			14,732	93.83%	100%

Valid	Invalid
14732	969

S05_FLG - FLAG FOR RS4680

Type	Code
Measurement Unit	numeric
Description	Flag for RS4680

			Frequency	% of total	% of valid
Valid	2	genotype from 32 Plex	12161	77.45%	82.37%
	3	genotype from 144 Plex	2385	15.19%	16.16%
	4	genotype from Taqman	217	1.38%	1.47%
Total			14,763	94.03%	100%
Missing	.	no saliva sample available for DNA testing	594	3.78%	
	5	not genotyped **	344	2.19%	
Total			938	5.97%	

Valid	Invalid	Minimum	Maximum
14763	938	2	4

S000006A - RS12945042 - ALLELE A

Type	Code
Measurement Unit	text
Description	RS12945042 - Allele A

			Frequency	% of total	% of valid
Valid	C	C	12702	80.9%	88.19%
	T	T	1107	7.05%	7.69%
Total			14,403	91.73%	100%

Valid	Invalid
14403	1298

 S000006B - RS12945042 - ALLELE B

Type	Code
Measurement Unit	text
Description	RS12945042 - Allele B

			Frequency	% of total	% of valid
Valid	C	C	7167	45.65%	49.76%
	T	T	6642	42.3%	46.12%
		Total	14,403	91.73%	100%

Valid	Invalid
14403	1298

 S06_FLG - FLAG FOR RS12945042

Type	Code
Measurement Unit	numeric
Description	Flag for RS12945042

			Frequency	% of total	% of valid
Valid	2	genotype from 32 Plex	12161	77.45%	83.24%
	3	genotype from 144 Plex	2449	15.6%	16.76%
	Total		14,610	93.05%	100%
Missing	.	no saliva sample available for DNA testing	594	3.78%	
	5	not genotyped **	497	3.17%	
		Total	1,091	6.95%	

Valid	Invalid	Minimum	Maximum
14610	1091	2	3

 DRD5A - DOPAMINE D5 RCPTOR DINUCLEOTIDE-ALLELE A

Type	Text
Constraints	Maximum Length: 3
Description	Dopamine D5 Receptor Dinucleotide-Allele A

			Frequency	% of total	% of valid
Missing	0	no result for DRD5 ☐ allele A	608	3.87%	
		Total	608	3.87%	

Valid	Invalid	Minimum	Maximum
15093	608	124	172

DRD5B - DOPAMINE D5 RCPTOR DINUCLEOTIDE-ALLELE B


Type	Text
Constraints	Maximum Length: 3
Description	Dopamine D5 Receptor Dinucleotide-Allele B

			Frequency	% of total	% of valid
Missing	0	no result for DRD5  allele B	608	3.87%	
		Total	608	3.87%	

Valid	Invalid	Minimum	Maximum
15093	608	126	174

MAOCA1A - MONOAMINE OXIDASE A DINUCLEOTIDE-ALLELE A


Type	Text
Constraints	Maximum Length: 3
Description	Monoamine Oxidase A Dinucleotide - Allele A

			Frequency	% of total	% of valid
Missing	0	no result for MAOCA1  allele A ***	555	3.53%	
		Total	555	3.53%	

Valid	Invalid	Minimum	Maximum
15146	555	101	131

MAOCA1B - MONOAMINE OXIDASE A DINUCLEOTIDE-ALLELE B

Type	Text
Constraints	Maximum Length: 3
Description	Monoamine Oxidase A Dinucleotide - Allele B

			Frequency	% of total	% of valid
Missing	0	no result for MAOCA1  allele B ***	7326	46.66%	
		Total	7,326	46.66%	

Valid	Invalid	Minimum	Maximum

8375	7326	103	131
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