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# **CORRIGENDUM**

# Premature primary tooth eruption in cognitive/motor-delayed ADNP-mutated children

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**Correction to:** *Translational Psychiatry* (2017) **7**, e1043; doi:10. 1038/tp.2017.27; published online 21 February 2017

Several entries in Table 1 use protein change annotations that do not comply with Human Genome Variation Society nomenclature. The nomenclature corrections (obtained from https://mutalyzer.nl/) are listed below. Most of the changes are a result of one amino acid to the truncated protein complying with the consensus nomenclature. The revised version of the table provided here reflects the corrections.

## Panel 1

- c.70\_75del AGTGAC was changed to p.Ser24\_Asp25del instead of del Ser24Asp25.
- c.190dupA was changed to p.Thr64Asnfs\*35 instead of p.Thr64Asnfs\*34.
- c.339delC was changed to p.Phe114Serfs\*47 instead of p. Phe114Serfs\*46.
- 4. c.484C>T was changed to p.Gln162\* instead of p.q162\*.
- c.539\_542delTTAG was changed to p.Val180Glyfs\*17 instead of p.Val180Glyfs\*16.

# Panel 2

- c.1046\_1047delTG was changed to p.Leu349Argfs\*49 instead of p.Leu349Argfs\*48.
- 7. c.1106\_1108delTACinsCTGT was changed to p.Leu369-Serfs\*30 instead of p.Leu369Serfs\*29.
- 8. c.1184\_1190delAGTCTGC was changed to p.Gln395Leufs\*11 instead of p.Gln395Leufs\*10.
- c.1235delT was changed to p.Leu412Profs\*10 instead of p. Pro410leufs\*9.

# Panel 3

- c.2130delAinsCA was changed to c.2129dupC. Also, a typographical error in protein annotation was corrected: Ser71Lysfs\*24 should have been p.Ser711Lysfs\*24.
- 11. Column 3 (c.1235delT) was deleted entirely. It was a duplicate entry instead of the information for a child who

was inadvertently omitted. In the revised table, the entry for the omitted child appears in the last column (see correction 19). The order of the children has been preserved, and the error did not alter the reported number of children who exhibited early tooth eruption and hence did not affect the statistical analysis.

12. c.2153\_2165delCTTACGAGCAAAT was changed to p.Thr718Argfs\*6 instead of p.Thr718Glyfs\*12.

## Panel 5

- c.2206dupA was changed to p.Ser736Lysfs\*2 instead of pSer736Lys\*.
- c.2213C>A was changed to p.Ser738\* instead of p.Ser738Ter.
- c.2310delT was changed to p.Leu771\* instead of p. Phe770\*1.
- c.2491\_2494delTTAA was changed to p.Leu831llefs\*82 instead of p.Leu831 llefs\*81.

# Panel 6

- 17. c.2496\_2499delTAAA was changed to p.Asn832Lysfs\*81 instead of p.Asn832Lysfs\*80.
- 18. c.2499delA was changed to p.Val834Serfs\*80 instead of p.Lys833Asnfs\*80.
- The information for the omitted child noted in correction 11 has been added to the last column (c.2865\_2868delTGAG).
- 20. In column 6, the duplicate nucleotide sequence has been deleted.

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Table 1. Deciduous tooth eruption is early in ADNP-mutated children

					YES	NO	TOTAL	YES	NO
ADNP Children - Primary	Dentition				44	10	54	81%	19%
cDNA / Nucleotide Mutation	c.1A>G	c.70_75del AGTGAC	c.190dupA	c.190dupA	c.339delC	c.484C>T	c.539_542delTTAG	c.539_542delTTAG	c.646 C>T
Protein / pChange	p.Met?	p.Ser24 Asp25del	p.Thr64Asnfs*35	p.Thr64Asnfs*35	p.Phe114Serfs*47	p.Gln162*	p.Val180Glyfs*17	p.Val180Glyfs*17	p.Arg216*
Location	The Netherlands	The Netherlands	Canada	USA	USA	USA	The Netherlands	USA	Israel
Year of birth	Female 2012	Male 2006	Male 2012	Female 2006	Male 1995	Male 1999	Female 2010	Female 2008	Male 2012
Did TEETH come in early? (baby teeth, including	YES	YES	YES	YES	YES	YES	YES	YES	NO NO
molars approx at age 12 months)									
Autism Spectrum Disorder Autistic traits but no diagnosis	unknown YES	YES X	YES X	NO X	YES X	YES X	YES X	unknown YES	unknown YES
Cognitive Delay	YES	YES	YES	YES	YES	YES	YES	YES	unknown
Developmental Delay	YES	YES	YES	YES	YES	YES	YES	YES	YES
		1	1						
cDNA / Nucleotide Mutation	c.819delC	c.1033C>T	c.1046_1047delTG	c.1102C>T	c.1106_1108del	c.1184_1190delAGTCTGC	c.1211C>A	c.1235delT	c.1595G>A
					TACinsCTGT				
Protein / pChange	p.Lys274Asnfs*31	p.Gln345*	p.Leu349Argfs*49	p.Gln368*	p.Leu369Serfs*30	p.Gln395Leufs*11	p.Ser404*	p.Leu412Profs*10	p.Arg532Gln
Location Sex	USA Male	USA Female	USA Male	USA Male	USA Male	Norway Female	The Netherlands Female	USA Male	USA Female
Year of birth	2012	2007	2008	2012	2008	1986	2006	2004	2013
Did TEETH come in early? (baby teeth, including	YES	YES	YES	YES	YES	YES	YES	YES	YES
molars approx at age 12 months) Autism Diagnosis	unknown	YES	YES	unknown	NO	unknown	YES	YES	unknown
Autism Diagnosis Autistictraits but no diagnosis	YES	X	- 163	YES	X	?	X	X	YES
Cognitive Delay	unknown	YES	YES	YES	YES	YES	YES	YES	YES
Developmental Delay	YES	YES	YES	YES	YES	YES	YES	YES	YES
							f consili		
cDNA / Nucleotide Mutation	c.1717delG	c.2129dupC	c.2153_2165delCTTACG	c.2156_2157insA	c.2156_2157insA	c.2157 C>G	c.2156_2157insA	c.2156_2157insA	c.2157C>A
		0 7441 ( 404	AGCAAAT						
Protein / pChange Location	p.Asp573Metfs*33 Canada	p.Ser711Lysfs*24 Ireland	p.Thr718Argfs*6 Australia	p.Tyr719* Germany	p.Tyr719* Brazil	p.Tyr719* UK	p.Tyr719* France	p.Tyr719* USA	p.Tyr719* USA
Sex	Female	Female	Male	Female	Female	Male	Female	Male	Female
Year of birth	2000	2005	2008	2009	2014	2004	1998	2004	2013
Did TEETH come in early? (baby teeth, including molars approx at age 12 months)	YES	NO	YES	NO	YES	YES	NO	YES	YES
Autism Diagnosis	unknown	NO	YES	YES	n/a - too young	YES	YES	YES	YES
Autistic traits but no diagnosis	YES	X	X	X	n/a - too young	Х	Х	Х	X
Cognitive Delay	YES	YES	YES	YES	YES	YES	YES	YES	YES
Developmental Delay	YES	YES	YES	YES	YES	YES	YES	YES	YES
cDNA / Nucleotide Mutation	c.2157C>A	c.2157C>G	c.2157C>G	c.2157C>G	c.2157C>G	c.2157C>G	c.2188 C>T	c.2188 C>T	c.2188 C>T
Protein / pChange	p.Tyr719*	p.Tyr719*	p.Tyr719*	p.Tyr719*	p.Tyr719*	p.Tyr719*	p. Arg 730*	p. Arg 730*	p. Arg 730*
17 - 5	USA	UK	UK - Scotland	The Netherlands	USA	USA	The Masherdands	USA	USA
Location Sex	Male	Male	Female	Male	Female	Female	The Netherlands Male	Male	Male
Year of birth	2012	1992	1999	2008	2005	2007	2007	2003	
Did TEETH come in early? (baby teeth, including	YES							2003	2010
molars approx at age 12 months) Autism Diagnosis		NO	YES	YES	NO	NO	YES		
		NO	YES	YES	NO	NO	YES	YES	NO
Autistic traits but no diagnosis	YES X	NO YES X	YES unknown YES	YES NO X	NO YES X	NO YES X	YES NO X		NO NO
Autistic traits but no diagnosis Cognitive Delay	YES X YES	YES X YES	unknown	NO X YES	YES X YES	YES X YES	NO X YES	YES YES X YES	NO NO YES YES
Autistic traits but no diagnosis	YES X	YES X	unknown YES	NO X	YES X	YES X	NO X	YES YES X	NO NO YES
Autistic traits but no diagnosis Cognitive Delay	YES X YES	YES X YES	unknown YES	NO X YES	YES X YES	YES X YES	NO X YES	YES YES X YES	NO NO YES YES
Autistic traits but no diagnosis Cognitive Delay Developmental Delay CDNA / Nucleotide Mutation	YES X YES YES C.2188 C>T	YES X YES YES C.2188 C>T	unknown YES YES YES YES C.2206dupA	NO X YES YES C.2213 C>A	YES X YES YES c.2251delGinsTAAA	YES X YES YES c.2287delT	NO X YES YES	YES YES X YES YES YES C.2491_2494delTTAA	NO NO YES YES YES C.2496_2499delTAAA
Autistictraits but no diagnosis Cognitive Delay Developmental Delay  cDNA/Nucleotide Mutation Protein / pChange	YES  X  YES  YES  C.2188 C>T  p. Arg 730*	YES  X  YES  YES  C.2188 C>T  P. Arg 730*	unknown YES YES YES YES C.2206dupA p.Ser736Lysfs*2	NO X YES YES C.2213 ▷A p.Ser738*	YES X YES YES C.2251delGinsTAAA p.Val751*	YES	NO X YES YES  c.2310delT p.Leu771*	YES YES X YES YES YES YES C.2491_2494delTTAA p.teu831llefs*82	NO NO YES YES YES YES C.2496_2499delTAAA p.Asn8321ysfs*81
Autistic traits but no diagnosis Cognitive Delay Developmental Delay  cDNA / Nucleotide Mutation Protein / pChange Location	YES	YES	unknown YES YES YES YES  c.2206dupA p.Ser736Lysfs*2 USA	NO X YES YES C.2213 CA p.Ser738*	YES X YES YES YES c.2251delGinsTAAA p.Val751* Canada	YES	NO X YES YES YES c.2310delT p.Leu771* Australia	YES YES X YES YES YES C.2491_2494delTTAA p.leu831llefs*82 Belglum	NO NO YES YES YES YES  C.2496_2499delTAAA P.Asn832Lysfs*81 The Netherlands
Audistictrails but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation Protein / pChange Location Sex	YES	YES X YES YES C.2188 C>T P. Arg 730* Poland Female	unknown YES YES YES YES  c.2206dupA p.Ser736lysfs*2 USA Male	NO X YES YES C.2213 C>A p.Ser738* UK Male	YES X YES YES C.2251delGinsTAAA p.Val751* Canada Female	YES X YES YES C.2287delT p.Ser763Profs*9 USA Male	NO X YES YES C.2310delT p.Leu771* Australia Female	YES YES X YES YES YES C.2491_2494delTTAA p.leu831llefs*82 Belgium Male	NO NO YES YES YES YES TES  C:2496_2499delTAAA p.Asn8321.ysfs*81 The Netherlands Female
Audistictrails but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation Protein / pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including	YES  X  YES  YES  C.2188 C>T  p. Arg 730*  USA  Male  2013	YES X YES YES C.2188 C>T P. Arg 730* Poland Female 2009	unknown YES YES YES  C.2206dupA p.Ser736lysfs*2 USA Male 2014	NO X YES YES  C.2213 C>A p.Ser738* UK Male 2005	YES X YES YES C.2251delGinsTAAA p.Val751* Canada Female 2010	YES	NO X YES YES  C.2310delT p.Leu771* Australia Female 2012	YES YES X YES YES YES YES Leudal 2494delTTAA p.t.eu8331lefs*82 Belgium Male 2008	NO NO YES YES YES YES TES  C:2496_2499delTAAA p.Asn832Lysfs*81 The Netherlands Female Equation 13
Audistic traits but no diagnosis Cognitive Delay Developmental Delay  CDNA / Nucleotide Mutation Protein / pChange Location See Year of birth Did TEET Nome in early? (baby teeth, including molars approx at age 12 months)	YES  X  YES  YES  C.2188 C>T  P. Arg 730°  USA  Male  2013  YES	YES X YES YES C.2188 C>T P. Arg 730* Poland Female 2009 YES	unknown YES YES YES YES C.2206dupA p.Ser736lysfs*2 USA Male Alae Alae YES	NO X YES YES YES  C.2213 C>A p.Ser738* UK Male 2005 YES	YES X YES YES C.2251delGinsTAAA p.Val751* Canada Female 2010 NO	YES	NO X YES YES C.2310delT p.leu771* Australia Female 2012	YES YES X YES YES YES  C.2491_2494delTTAA p.teu831lefs*182 Belgium Male Alle ZOOS YES	NO NO YES YES YES YES ACAPSE_Z499delTAAA P_ASn832Lysfs*81 The Netherlands Female YES
Audistictrails but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation Protein / pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx at age 12 months) Autism Diagnosis	YES X YES YES YES C2188 C>T p. Arg 730* USA Male 2013 YES unknown	YES X YES YES C.2188 C>T P. Arg 730* Poland Female 2009	unknown YES YES YES  C.2206dupA p.Ser736lysfs*2 USA Male 2014	NO X YES YES  C.2213 C>A p.Ser738* UK Male 2005	YES X YES YES C.2251delGinsTAAA p.Val751* Canada Female 2010	YES	NO X YES YES  C.2310delT p.Leu771* Australia Female 2012	YES YES X YES YES YES YES Leudal 2494delTTAA p.t.eu8331lefs*82 Belgium Male 2008	NO NO YES YES YES YES TES  C:2496_2499delTAAA p.Asn832Lysfs*81 The Netherlands Female Equation 13
Audistictrails but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation Protein / pChange Location Did TETH come in early? (baby teeth, including molars approx. at age 12 months) Audistic Traits but no diagnosis Cognitive Delay Cogn	YES  X  YES  YES  C.2188 C>T  P. Arg 730°  USA  Male  2013  YES	YES X YES YES  C.2188 C>T p. Arg 730* Poland Female 2009 YES YES	unknown YES YES YES  c.2206dupA p.Ser736Lysfs*2 USA Maie 2014 YES YES	NO X YES YES  C.2213 C>A p.Ser738* UK Male 2005 YES	YES X YES YES  C.2251delGinsTAAA p.Val751* Canada Female 2010 NO	YES	NO X YES YES  C.2310delT p.Leu771* Australia Female 2012 NO Never assessed	YES YES X YES YES YES YES PES  C. 2491_2494delTTAA p.leu831llefs*82 Belgium Mailer 2008 YES YES YES YES	NO NO YES YES YES YES ACAPSE_Z499delTAAA P_ASn832Lysfs*81 The Netherlands Female YES
Audistic traits but no diagnosis Cognitive Delay Developmental Delay  CDNA / Nucleotide Mutation Protein / pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx at age 12 months) Audism Diagnosis	YES X YES YES YES  C.2188 C>T P. Arg 730" USA Male 2013 YES unknown YES	YES X YES YES YES	unknown YES YES YES  2.2206dupA p.Ser'736iy45*2 USA Male 2014 YES YES	NO X YES YES  C.2213 C>A p.Ser738* UK Male 2005 YES YES	YES X YES YES VES  C.2251delGinsTAAA p.Val751* Canada Female 2010 NO NO NO YES	YES	NO X YES YES YES  Learning Lea	YES  YES  X  YES  YES  YES  YES	NO NO YES YES YES  C. 2496_2499deITAAA  C. 2496_2499deITAAA  C. 2496_2499deITAAA  The Nover and the Nover and the Nover and No
Audistic traits but no diagnosis Cognitive Delay Developmental Delay  CDNA / Nucleotide Mutation Protein / p.Change Location Sea Vear of birth Did TEETH come in early? (baby teeth, including molars approx. at age 12 months) Audistic traits but no diagnosis Cognitive Delay	YES X YES YES YES  C.2188 C>T P. Arg 730" USA Male 2013 YES unknown YES	YES X YES YES YES	unknown YES YES YES  2.2206dupA p.Ser'736iy45*2 USA Male 2014 YES YES	NO X YES YES  C.2213 C>A p.Ser738* UK Male 2005 YES YES	YES X YES YES YES  C.2251delGinsTAAA p.Val751* Canada Female 2010 NO NO NO YES	YES	NO X YES YES YES  Learning Lea	YES YES X YES YES YES YES PES  C. 2491_2494delTTAA p.leu831llefs*82 Belgium Mailer 2008 YES YES YES YES	NO NO YES YES YES  C. 2496_2499deITAAA  C. 2496_2499deITAAA  C. 2496_2499deITAAA  The Nover and the Nover and the Nover and No
Audistictrails but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation Protein/pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx at age 12 months) Audism Diagnosis Autistic trails but no diagnosis Cognitive Delay Developmental Delay	YES X YES YES YES  C.2188 C>T P. Arg 730" USA Male 2013 YES unknown YES	YES X YES YES YES	unknown YES YES YES  2.2206dupA p.Ser'736iy45*2 USA Male 2014 YES YES	NO X YES YES  C.2213 C>A p.Ser738* UK Male 2005 YES YES	YES X YES YES YES  C.2251delGinsTAAA p.Val751* Canada Female 2010 NO NO NO YES	YES	NO X YES YES YES  Learning Lea	YES YES X YES YES YES YES PES  C. 2491_2494delTTAA p.leu831llefs*82 Belgium Maile 2008 YES YES YES YES YES	NO NO YES YES YES  C. 2496_2499deITAAA  C. 2496_2499deITAAA  C. 2496_2499deITAAA  The Nover and the Nover and the Nover and No
Audistictrails but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation Protein / pChange Location Did TETH come in early? (baby teeth, including molars approx. at age 12 months) Audistic Traits but no diagnosis Cognitive Delay Cogn	YES  X YES  YES  YES  C.2188 Cot  p. Arg 730*  USA  Male  2013  YES  Unknown  YES  YES	YES X YES YES  1 2188 C>T P. Arg 730* Poland Female 2009 YES X YES X YES X YES YES C.2496_2499delTAAA	unknown  YES  YES  YES  YES	NO X YES YES YES  C.2213 C>A p.5er738* UK Male 2005  YES  YES  X YES YES	YES	YES X YES YES YES  USA Male 2007 YES  YES  YES  YES  YES  YES  YES  YES	NO X YES YES YES  c.2310delT p.leu771* Australia Female 2012 NO Never assessed ? YES	YES  YES  X  YES  YES  YES  YES  OC 2491_2494delTTAA  p.Leu831llefs*82  Belgium  Belgium  Belgium  Belgium  Main  YES  YES  YES  X  YES  YES  YES	NO NO YES
Autistic traits but no diagnosis Cognitive Delay Developmental Delay  CDNA / Nucleotide Mutation Protein / pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx at age 12 months) Autism Diagnosis Autism Diagnosis Cognitive Delay Developmental Delay  CDNA / Nucleotide Mutation Protein / pChange	YES  X YES  YES  YES  C.2188 C→T  P. Arg 730*  USA  Male  2013  YES  urknown  YES  urknown  YES  YES  YES  C.2496_2499delTAAA  P.Asn832Lysfs*81	YES  X YES  YES  YES  C 2188 C>T  P, Arg 730*  Poland  Female 2009  YES  YES  X YES  YES  X YES  YES  YES	unknown  YES  YES  YES  YES  C.2206dupA  p.Ser736Lyxfs*2  USA  Male  2014  YES  YES  X  unknown  YES  C.2496_2499delTAAA  p.Asn832Lysfs*81  Belglum	NO X YES YES YES  C.2213 C>A P.Ser738* UK Male 2005 YES YES YES YES YES YES YES YES TO A CONTROL OF THE PROPERTY OF THE PROPER	YES	YES  X YES YES  YES  OC. 2287delT  p. Ser7638rofs*9  USA  Male 2007  YES  YES  YES  YES  YES  C.2496_2499delTAAA  p.An832Lysfs*81  UNA  UNA  P.AN832Lysfs*81	NO X YES YES YES  Leu771* D.Leu771* Australia Female 2012 NO Never assessed ? YES YES  c.2496_2499delTAAA  p.Ass832Lysfs*81 USA	YES YES X YES YES YES YES YES YES  C.2491_2494delfTAA p_Leu831llefs*82 Belgiun Maile 2008 YES YES YES YES YES YES YES YES PLEUSANSASSES PLEUSANSASSES PLEUSANSASSES PLEUSANSASSES PLEUSANSASSES PLEUSANSASSES PLEUSANSASSES	NO NO YES YES YES YES  C.2496_2499delTAAA p.Asn832\tysfs*181 The Nethalds Ferhalds YES Never assessed 7 YES  C.2865_2868delTGAG p.Ser655Argfs*36 UK
Audistictratis but no diagnosis Cognitive Delay Developmental Delay  CDNA / Nucleotide Mutation Protein / pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx at age 12 months) Audism Diagnosis Audism Diagnosis Cognitive Delay Developmental Delay  CDNA / Nucleotide Mutation Protein / pChange Location Protein / pChange Location Sex	YES  X YES YES  C.2188 C>T P. Arg 730° USA Male 2013  YES UISA UISA Male 2013  YES  UISA UISA UISA MALE 2013  UISA UISA UISA UISA UISA UISA UISA UIS	VES  X YES  YES  C.2188 C>T P. Arg 730* Poland Female 2009  YES  YES  YES  YES  C.2496_2499delTAAA  P.Asn832Lysfs*81  Denmark Male	unknown YES YES YES  c.2206dupA p.5e736i,ysfs*2 2014 YES YES  YES  VES  VES  VES  VES  VES	NO X YES YES  C.2213 C>A p.Ser738* UK Male 2005 YES  YES  YES  YES  A C.2496_2499delTAAA  p.Asn832Lysfs*81 The Netherlands Female	YES  X YES  YES  VES  C.2251delGinsTAAA  p.Val751* Canada  Female 2010  NO  NO  NO  YES  YES  YES  YES  YES  YES  NO  AND  NO  NO  NO  NO  NO  NO  NO  NO  NO	YES  X YES  YES	NO X YES YES YES	YES  YES  X  YES  YES  YES  C.2491_2494delITIAA p.teu831lefs 182 Belgium  Male 2008  YES  YES  YES  YES  C.2499delA  p.tu8345erfs*80  USA  Male	NO NO YES
Audistictrails but no diagnosis Cognitive Delay Developmental Delay  CDNA / Nucleotide Mutation Protein / pChange Location  Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx at age 12 months) Audistic Traits but no diagnosis Cognitive Delay Developmental Delay  CDNA / Nucleotide Mutation Protein / pChange Location Sex Year of birth	YES  X YES  YES  YES  C.2188 C→T  p. Arg 730*  U.SA  Male  2013  YES  unknown  YES  USA  C.2496_2499delTAAA  C.2496_2499delTAAA  D.Asn832Lyrsfs*81  UK  Female  2005	YES  X YES  YES  C.2188 C>T  p. Arg 730*  Poland  Female  2009  YES  YES  YES  YES  YES  C.2496_2499delTAAA  p.Asn832!ysfs*81  Denmark  Male  Mole  2009	unknown YES YES YES C.2206dupA p.5er736lyxfs*2 Male 2014 YES YES YES YES YES YES YES A Unknown YES C.2496_2499delTAAA p.Asn832lyxfs*81 Belgium Male 2009	NO X YES YES YES  C.2213 C>A p.ser738* UK Male 2005 YES YES YES YES X YES YES THE  C.2496_2499delTAAA  p.Asn832Lysfs*81 The Netherlands Female 2009	YES	YES  X YES  YES  YES	NO X YES YES YES  1.2310deIT P.Leu771* P.Leu771* P.Leu771* Australia Female 2012 NO Never assessed 7 YES YES YES USA P.Asn832Lysts*81 USA Female 2007	YES	NO NO NO YES YES YES YES C.2496_2499delTAAA p_Anas21yyfs*181 The Netherians Fernals Fernals Fernals C.2565_2868delTGAG YES VES LUK LUK AUGUST
Audistictraits but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation Protein / pChange Location  Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx. at age 12 months) Audistic Traits but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation  Protein / pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx. at age 21 months)	YES  X YES YES YES  C.2188 C-T P. Arg 730*  U.SA Male 2013  YES  unknown YES  YES  YES  YES  YES  YES  YES  YES	YES  X YES  YES  YES	unknown  YES  YES  YES  YES  C.2206dupA  p.Ser736i,vrfs*2  Discrizing the properties of the properties	NO X YES YES YES  C.2213 C>A p.Ser738* UK Male 2005 YES YES YES YES A YES YES YES T YES YES T YES	YES	YES  X YES  YES  YES	NO X YES YES YES	YES	NO NO NO YES YES C.2496_2499delTAAA p.Ana821vpfs*81 The Netherland E-enals VES Never assessed 7 YES C.2865_2868delTGAG C.2865_2868delTGAG D.SerbSArpfs*36 UMale 2006 YES
Autistic traits but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation Protein / pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx. at age 12 months) Autistic traits but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation Protein / pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx. at age 12 months) Autistic traits but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation  Protein / pChange Location Did TEETH come in early? (baby teeth, including molars approx. at age 12 months) Mutism Diagnosis	YES X YES YES YES YES  C.2188 C>T P. Arg 730* USA Male 2013 YES Unknown YES YES YES  C.2496_2499delTAAA  P.Asn832Lysfs*81 UK Female 2005 YES YES	YES  X YES  YES  YES  YES  2.2188 C>T p. Arg 730* Poland Female 2009  YES  X YES  YES  X YES  YES  YES  YES	unknown  YES  YES  YES  YES  2-2206dupA  p.Ser736Lysfs*2  USA  Male  2014  YES  X  unknown  YES  C.2496_2499delTAAA  p.Asr832Lysfs*81  Belgium  Male  2009  YES  YES  YES  YES  YES  YES  YES  YE	NO X YES YES YES  C.2213 C>A P.Ser738* UK Male 2005 YES X YES YES X YES	YES	YES  X YES YES  YES  YES  VES   C.2287delT  p.Ser763Pr0fs*9  USA  Male 2007  YES  X YES  YES  X YES  YES  UK  ABAGE  D.ASn832Lysfs*81  UK  Male 2007  YES  PASSS2Lysfs*81  UK  Male 2007  YES  Never assessed	NO X YES YES YES  C.2310delT p.1eu771* Australia Female 2012 NO Never assessed ? YES YES  VES  USA p.Aan832Lysfs*81 USA Female 2 0 0 7 YES Never assessed	YES YES X YES YES YES YES YES YES YES  C.2491_2494delTTAA p.teu831lefs'82 Belglium Male 2008 YES YES YES YES X YES USA p.teu8345erfs*80 USA Male 2014 YES n/a-tooyoung	NO NO YES
Audistict rails but no diagnosis Cognitive Delay Developmental Delay  CDNA/ Nucleotide Mutation Protein / pChange Location  Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx. at age 12 months) Audistic Traits but no diagnosis Cognitive Delay Developmental Delay  CONA/ Nucleotide Mutation Protein / pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx. at age 12 months) Audistic Traits but no diagnosis Copnitive Delay Developmental Delay  CONA/ Nucleotide Mutation Protein / pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx. at age 12 months) Autism Diagnosis	YES  X YES  YES  YES  C.2188 C-T  p. Arg 730*  U.SA  Male  2013  YES  unknown  YES  yES  YES  YES  YES  YES  YES  YES	YES  X YES  YES  YES  C 2188 C>T  P. Arg 730*  Poland  Female 2009  YES  X YES  YES  YES  YES  YES  AC 2496_2499delTAAA  P.Asn832Lysfs*81  Denmark  Male 2009  YES  YES  X  X  YES  YES  YES  YES  YE	unknown  YES  YES  YES  YES  C.2206dupA  p.Ser736lysfs*2  Unknown  YES  X  Unknown  YES  C.2496_2499delTAAA  p.Asn832Lysfs*81  Belgium  Male  2009  YES  X  X  X  X  X  X  X  X  X  X  X  X  X	NO X YES YES YES  OC. 2213 C>A P. Ser738* UK Male LUK Male LUK Male COOS YES YES X YES YES YES YES YES YES YES YES YES C. 2496_2499delTAAA P. An832Lysfs*81 P. An8832Lysfs*81 Female COOS YES YES X X YES YES YES X X YES YES YES X X YES YES X X YES YES YES X X	YES	YES  X YES  YES  YES	NO X YES YES YES	YES	NO NO NO YES YES C. 2496_2499delTAAA p.Ana832tysfs*181 The Netherland E-emals VES Never assessed ? YES C. 2865_2868delTGAG D. 400 Long to the control of the
Audistic traits but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation Protein/pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx. at age 12 months) Audistic traits but no diagnosis Cognitive Delay Developmental Delay  CDNA/Nucleotide Mutation  Protein/pChange Location Sex Year of birth Did The Change Location Developmental Delay  CDNA/Nucleotide Mutation  Protein/pChange Location Sex Year of birth Did TEETH come in early? (baby teeth, including molars approx. at age 12 months) Audism Diagnosis	YES X YES YES YES YES  C.2188 C>T P. Arg 730* USA Male 2013 YES Unknown YES YES YES  C.2496_2499delTAAA  P.Asn832Lysfs*81 UK Female 2005 YES YES	YES  X YES  YES  YES  YES  2.2188 C>T p. Arg 730* Poland Female 2009  YES  X YES  YES  X YES  YES  YES  YES	unknown  YES  YES  YES  YES  2-2206dupA  p.Ser736Lysfs*2  USA  Male  2014  YES  X  unknown  YES  C.2496_2499delTAAA  p.Asr832Lysfs*81  Belgium  Male  2009  YES  YES  YES  YES  YES  YES  YES  YE	NO X YES YES YES  C.2213 C>A P.Ser738* UK Male 2005 YES X YES YES X YES	YES	YES  X YES YES  YES  YES  VES   C.2287delT  p.Ser763Pr0fs*9  USA  Male 2007  YES  X YES  YES  X YES  YES  UK  ABAGE  D.ASn832Lysfs*81  UK  Male 2007  YES  PASSS2Lysfs*81  UK  Male 2007  YES  Never assessed	NO X YES YES YES  C.2310delT p.1eu771* Australia Female 2012 NO Never assessed ? YES YES  VES  USA p.Aan832Lysfs*81 USA Female 2 0 0 7 YES Never assessed	YES YES X YES YES YES YES YES YES YES  C.2491_2494delTTAA p.teu831lefs'82 Belglium Male 2008 YES YES YES YES X YES USA p.teu8345erfs*80 USA Male 2014 YES n/a-tooyoung	NO NO YES

Abbreviation: ADNP, activity-dependent neuroprotective protein. List of children with early deciduous tooth eruption (yellow), in bold, same/similar ADNP mutation (at the protein level, p.Tyr719\*, p.Arg730\*, p.Lys831llefs\*81/p.Asn832Lysfs\*80). All children are heterozygous for the mutations that are all considered *de novo*. The list was obtained from the Parent Support Group on a Facebook page (Materials and Methods).