

	Gambin, 2017	Gambin, 2017	Gambin, 2017	Gambin, 2017	Gambin, 2017	Gambin, 2017	Decipher patient
patient ID	patient 1	patient 2	patient 3	patient 4	Patient 5	Patient 6	Patient 286841
Sex	M	M	F	M	M	M	M
15q14 deletion (hg19)	g.(?_37328986)_(37332249_?)del	g.(?_35001138)_(39899594_?)del	g.(?_33894032)_(38659166_?)del	g.(?_35001138)_(38474933_?)del	g.(?_36512757)_(38052959_?)del	g.(?_36790702)_(37404359_?)del	g.(?_36606006)_(37515525_?)del
Size (Mb)	3.2 kb	4.9 Mb	4.8 Mb	3.47 Mb	1.54 Mb	0.6 Mb	909 kb
CGH platform	OLIGO V6-V11; Agilent & WES	OLIGO V6-V11; Agilent & WES	OLIGO V6-V11; Agilent & WES	OLIGO V6-V11; Agilent & WES	OLIGO V6-V11; Agilent & WES	OLIGO V6-V11; Agilent & WES	NA
inheritance	de novo	de novo	de novo	maternally inherited	unknown	unknown	de novo
other genetic defects	NR	NR	NR	NR	NR	NR	NR
age	NA	NA	NA	NA	NA	NA	
cleft palate	cleft palate	NA	NA	NR	bifid uvula	NA	bifid uvula
cardiac malformation	NR	NA	NA	NR	NR	NR	NA
facial features	NA	NA	NA	NA	NA	NA	NA
biometry	NA	NA	NA	NA	NA	NA	NA
Intellectual disability	speech delay	NA	NA	NR	global developmental delay	speech delay	NA
walked at age	NA	NA	NA	NA	24 mo	NA	NA
brain imaging by MRI	NR	NR	NR	NR	NR	NR	NA
behavioral problems	NR	NA	NA	autism	autism	autism	NA
other features	NR	hypertonia	multiple congenital anomalies	NR	asthma	NR	asymmetric thorax

Supplementary table 3. Molecular and clinical data from previously published patients with 15q14 deletions, harboring MEIS2. These patients were excluded from genotype-phenotype analysis due to limited clinical data.