

Supplementary information:

Skeletal Site-specific Changes in Bone Mass in a Genetic Mouse Model for Human 15q11-13 Duplication Seen in Autism

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Supplementary Table 1

qPCR Primer sequences utilized in the study

Gene	Symbol		Sequence (5' -> 3')	Amplicon Size
Mus musculus cholinergic receptor, nicotinic, alpha polypeptide 7 (<i>Chrna7</i>), mRNA.	<i>Chrna7</i>	F	CACATTCCACACCAACGTCTT	106
		R	AAAAGGGAACCCAGCGTACATC	
Mus musculus makorin, ring finger protein, 3 (<i>Mkrn3</i>), mRNA.	<i>Mkrn3</i>	F	ACAGGTGTGCATACCCCA	101
		R	GCAGGCCCTTCTATGAGCTTC	
Mus musculus melanoma antigen, family L, 2 (<i>Magel2</i>), mRNA	<i>Magel2</i>	F	AGAGCGCATGTTTCATTGGTG	248
		R	CCTCTACGCAGGCATAAGGAT	
Mus musculus necdin (<i>Ndn</i>), mRNA	<i>Ndn</i>	F	GAGGTCCCGACTGTGAGAT	179
		R	TGCAGGATTTAGGGTCAACATC	
Mus musculus small nuclear ribonucleoprotein N (<i>Snrpn</i>), transcript variant 3, mRNA.	<i>Snrpn</i>	F	TGCTACGTGGGGAGAACCTG	156
		R	CCTGGGGAATAGGTACACCTG	
Mus musculus ubiquitin protein ligase E3A (<i>Ube3a</i>), transcript variant 2, mRNA.	<i>Ube3a</i>	F	ATCCCACTCTGAGGACATTGA	126
		R	GCACAAAACCTATTCTGCAG	
Mus musculus ATPase, class V, type 10A (<i>Atp10a</i>), mRNA.	<i>Atp10a</i>	F	CCGCTAGCCAATGTGTACTT	113
		R	TGACCCGCGAATGAAGAGC	
Mus musculus gamma-aminobutyric acid (GABA) A receptor, subunit alpha 5 (<i>Gabra5</i>), mRNA	<i>Gabra5</i>	F	TGACCCAAACCCTCTTGCT	109
		R	GTGATGTTGTCATTGGTCTCGT	
Mus musculus gamma-aminobutyric acid (GABA) A receptor, subunit gamma 3 (<i>Gabrg3</i>), mRNA	<i>Gabrg3</i>	F	GACAGTCGCCTTCGATTCAAC	114
		R	AGCCTCCGCTGTTTTAGAATTT	
Mus musculus gamma-aminobutyric acid (GABA) A receptor, subunit beta 3 (<i>Gabrb3</i>), transcript variant 2, mRNA	<i>Gabrb3</i>	F	CTGCTGCCAATCTGGCTTTC	121
		R	CGTAGCCTTTCAACAGCTTGTC	
Mus musculus hect (homologous to the E6-AP (UBE3A) carboxyl terminus) domain and RCC1 (CHC1)-like domain (RLD) 2 (<i>Herc2</i>), mRNA	<i>Herc2</i>	F	CACCTGTGTATAGAGCCAAGTCA	157
		R	TTCAACCTCAAGGCTGAGAGT	

Genotyping Primer Sequences	Symbol		Sequence (5' -> 3')	Amplicon Size
	<i>Dup7</i>	F	ATATGTACTTTTGCATATAGTATAC	450
		R	AGAGGAGGGCCTTACTAATTACTTA	