

**Table S1.** Description of the children from groups E1, E2, E3 and C

No.	No. of patient	Age (years)	Sex	Presence of 22q11.2 microdeletion	CHM	Facial dysmorphism	Hypocalcemia	Thymic hypoplasia	Cleft palate	Reference
<b>E1</b>										
<b>1</b>	<b>1</b>	6.5	M	+	+	+	+	-	-	[21,22]
<b>2</b>	<b>3</b>	6.5	M	+	+	+	-	-	-	[21,22]
<b>3</b>	<b>4</b>	9	M	+	+	-	+	-	-	[21,22]
<b>4</b>	<b>6</b>	5.5	M	+	+	-	+	-	-	[21,22]
<b>5</b>	<b>7</b>	9	M	+	+	+	-	-	-	[21,22]
<b>6</b>	<b>11</b>	6.5	F	+	+	+	+	+	-	[21,22]
<b>7</b>	<b>12</b>	5.5	M	+	+	-	-	+	-	[21,22]
<b>8</b>	<b>13</b>	6	F	+	+	-	-	+	-	[21,22]
<b>9</b>	<b>14</b>	9.5	M	+	+	+	+	-	-	[21,22]
<b>10</b>	<b>15</b>	8	F	+	+	+	-	-	-	[18,22]
<b>11</b>	<b>31</b>	7.5	M	+	+	+	+	-	-	[18,22]
<b>12</b>	<b>33</b>	9.5	F	+	+	+	+	+	-	[21]
<b>13</b>	<b>35</b>	6	F	+	+	-	-	+	-	[22]
<b>14</b>	<b>40</b>	7.5	F	+	+	+	+	-	-	this study
<b>15</b>	<b>60</b>	6	F	+	+	+	-	-	-	this study
<b>E2</b>										
<b>1</b>	<b>2</b>	6	M	-	+	+	-	-	-	[21,22]
<b>2</b>	<b>16</b>	10	M	-	+	+	-	+	-	[21,22]
<b>3</b>	<b>17</b>	5.5	M	-	+	+	-	-	-	[21,22]
<b>4</b>	<b>19</b>	10	M	-	+	+	-	-	-	[21,22]
<b>5</b>	<b>21</b>	6	F	-	+	+	-	+	-	[21]
<b>6</b>	<b>22</b>	9	F	-	+	+	-	-	-	[21,22]
<b>7</b>	<b>23</b>	8	M	-	+	+	-	+	-	[22]
<b>8</b>	<b>25</b>	6	M	-	+	+	not available	+	-	[21]
<b>9</b>	<b>26</b>	6	M	-	+	+	-	-	-	[21,22]
<b>10</b>	<b>27</b>	7	M	-	+	+	+	-	-	[21]
<b>11</b>	<b>28</b>	6.5	M	-	+	+	-	-	-	[21]
<b>12</b>	<b>32</b>	5.5	F	-	+	+	+	-	-	[21]
<b>13</b>	<b>41</b>	9	F	-	+	+	-	-	-	[22]

<b>14</b>	<b>64</b>	5.5	F	-	+	+	-	-	+	this study
<b>E3</b>										
<b>1</b>	<b>44</b>	10	M	-	+	-	-	-	-	this study
<b>2</b>	<b>45</b>	11	F	-	+	-	-	-	-	this study
<b>3</b>	<b>47</b>	7	M	-	+	-	-	-	-	this study
<b>4</b>	<b>49</b>	11.5	M	-	+	-	-	-	-	this study
<b>5</b>	<b>51</b>	6	M	-	+	-	-	-	-	this study
<b>6</b>	<b>29</b>	6.5	M	-	+	-	-	-	-	this study
<b>7</b>	<b>34</b>	10	M	-	+	-	-	-	-	this study
<b>8</b>	<b>53</b>	6	F	-	+	-	-	-	-	this study
<b>9</b>	<b>54</b>	10.5	M	-	+	-	-	-	-	this study
<b>10</b>	<b>56</b>	5.5	F	-	+	-	-	-	-	this study
<b>11</b>	<b>57</b>	8.5	F	-	+	-	-	-	-	this study
<b>12</b>	<b>58</b>	10	F	-	+	-	-	-	-	this study
<b>13</b>	<b>61</b>	12	M	-	+	-	-	-	-	this study
<b>14</b>	<b>62</b>	7	M	-	+	-	-	-	-	this study
<b>C</b>										
<b>1</b>	<b>C1</b>	8	F	-	-	-	-	-	-	[21]
<b>2</b>	<b>C2</b>	10	M	-	-	-	-	-	-	[21]
<b>3</b>	<b>C3</b>	9.5	M	-	-	-	-	-	-	[21]
<b>4</b>	<b>C4</b>	7.5	F	-	-	-	-	-	-	[21]
<b>5</b>	<b>C5</b>	7.5	F	-	-	-	-	-	-	[21]
<b>6</b>	<b>C7</b>	6.5	M	-	-	-	-	-	-	[21]
<b>7</b>	<b>C10</b>	5.5	M	-	-	-	-	-	-	[21]
<b>8</b>	<b>C11</b>	7	F	-	-	-	-	-	-	[21]
<b>9</b>	<b>C14</b>	6	M	-	-	-	-	-	-	[21]
<b>10</b>	<b>C16</b>	6	M	-	-	-	-	-	-	[21]
<b>11</b>	<b>C17</b>	6	M	-	-	-	-	-	-	[21]
<b>12</b>	<b>C20</b>	6	M	-	-	-	-	-	-	this study
<b>13</b>	<b>C21</b>	6	M	-	-	-	-	-	-	this study
<b>14</b>	<b>C22</b>	5.5	M	-	-	-	-	-	-	this study

