

**DNA profiling of Hungarian King Béla III and other skeletal remains originating from the Royal Basilica of Székesfehérvár**

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**ESM 8 Consensus autosomal STR genotypes of the other investigated individuals and detailed data for each run**

STR loci	Consensus genotypes <sup>a</sup>						
	Fetus <sup>b</sup>	I/3G	I/4H	II/53	II/54	II/55	II/109
<b>Amelogenin</b>	X/X	X/Y	X/Y	X/Y	X/Y	X/Y	X/X
<b>D1S1656</b>	N/A	13/17.3	11/17.3	15/(11)	15/17	15.3/16	12/16
<b>D2S441</b>	N/A	11/11	10/11	12/14	10/11	11/11	11/14
<b>D2S1338</b>	N/A	24/25	18/18	20/21	21/23	17/24	18/19
<b>D3S1358</b>	N/A	14/17	15/19	14/-	16/17	14/16	15/18
<b>D5S818</b>	12/13	11/12	10/12	12/-	9/11	11/12	11/11
<b>D7S820</b>	N/A	8/12	11/12	10/12	11/12	9/10	8/10
<b>D8S1179</b>	N/A	13/13	12/12	14/14	11/14	13/13	12/15
<b>D9S1120</b>	N/A	16/16	16/16	16/16	15/16	15/16	15/16
<b>D10S1248</b>	N/A	14/15	13/13	13/13	13/15	13/14	14/15
<b>D12S391</b>	N/A	15/21	18/18	-/-	19/23	17/22	17/23
<b>D13S317</b>	(10)/12	8/13	8/13	12/12	11/13	11/13	9/11
<b>D16S539</b>	N/A	11/11	12/14	12/13	11/12	12/13	10/13
<b>D18S51</b>	(17)/19	19/23	14/14	14/15	14/17	12/16	14/15
<b>D19S433</b>	N/A	13/14	14/16	13/14	13/14	13/14	13/13
<b>D21S11</b>	30.2/-	25/31.2	30/32.2	26/28	29/29	30/31	31/33.2
<b>D22S1045</b>	N/A	15/16	15/16	14/15	14/15	12/15	15/16
<b>CSF1PO</b>	N/A	11/12	11/12	10/10	12/12	11/13	10/13
<b>FGA</b>	20/25	19/20	19/25	20/22	21/23	22/23	22/22
<b>SE33</b>	N/A	18/29.2	22.2/28.2	-/-	18/28.2	26.2/34.2	19.2/29.2
<b>TH01</b>	6/9.3	7/9	6/7	8/10	6/9.3	6/9.3	8/9
<b>vWA</b>	N/A	14/19	17/18	18/19	14/16	16/16	14/19

<sup>a</sup>Consensus profiles were defined from the consensus data of the Göttingen and Budapest laboratories; <sup>b</sup>only heptaplex STR reactions were performed because of the limited sample material; N/A: not applicable.

Consensus result in brackets means that the result occurred only once.

## Autosomal STR Results – Budapest

Run		Sample	Amel	D13S317	D7S820	D2S1338	D21S11	D16S539	D18S51	CSF1PO	FGA	vWA	TH01	D2S441	D22S1045	D12S391	D10S1248	D1S1656	D3S1358	D19S433	D8S1179	
		<b>Béla III</b>																				
18.11.2014	Minifiler	BF1	X/Y	9/13	10/11	17	32.2	11/12	13/16	11/12	21											
18.11.2014	Minifiler	BV1	X	12/13		17		12	13	(11)/12	21											
28.11.2014	Minifiler	BF2	X/Y	9/13	10/11	17	31	11/12	12/13/16	11/12	21											
28.11.2014	Minifiler	BV2		13	11				13		21											
11.12.2014	Minifiler	BMT1		13		16		12	13	12												
11.12.2014	Minifiler	BMT2	Y	9/13	8/10/11	17		11/12	13	11/12												
17.03.2015	Minifiler	BF3	X/Y	9/13	10/11	17/19/23	31/32.2	11/13	13/16	11/12	21											
17.03.2015	Minifiler	BT1	X/Y	9/13	10/11	17	31/32.2	11/12	13/16	11/12	21											
12.06.2015	Hexaplex	BF3	X/Y										7/9	11/11.3	16							
12.06.2015	Hexaplex	BT1	X/Y										7/9	11/11.3	15/16	18/19	13	13/17.3				
07.07.2015	Tetraplex	BT1										17		11/11.3			13					
10.08.2015	ESSplex	BT1	X/Y			17	32.2	11/12	13/16		21	17	7/9	11/11.3	15/16	18/19	13	13/17.3	15/17	15/16.2	13	
10.08.2015	ESSplex	BT2	X/Y			17	31	11/12	13/16		21	17	7/9	11/11.3	15/16	18/19	13	13/17.3	15/17	15/16.2		
<b>Consensus</b>			<b>X/Y</b>	<b>9/13</b>	<b>10/11</b>	<b>17/17</b>	<b>31/32.2</b>	<b>11/12</b>	<b>13/16</b>	<b>11/12</b>	<b>21/21</b>	<b>17/17</b>	<b>7/9</b>	<b>11/11.3</b>	<b>15/16</b>	<b>18/19</b>	<b>13/13</b>	<b>13/17.3</b>	15/17	15/16.2	(13)/	

Run		Sample	Amel	D13S317	D7S820	D2S1338	D21S11	D16S539	D18S51	CSF1PO	FGA	vWA	TH01	D2S441	D22S1045	D12S391	D10S1248	D1S1656	D3S1358	D19S433	D8S1179	
		<b>Anna Antioch</b>																				
11.12.2014	Minifiler	AAC1	X	10/11	8/10	20/27	29/30	10/11	16/18	12	21/23											
11.12.2014	Minifiler	AAC1		(10)/11	10		30		16/18	12	23											
05.02.2015	Minifiler	AAC2	X	11	8	20/27		10	16/18	12	21/23											
05.02.2015	Minifiler	AAC2	X	11	10		30	10	14/16/18													
29.06.2015	Hexaplex	AAC3	X										7/9.3	10/14	11	18	15	12				
10.08.2015	ESSplex	AAC3	X									14	(7)/9.3	10	17		14/15	12		15		
<b>Consensus</b>			<b>X/X</b>	<b>(10)/11</b>	<b>8/10</b>	<b>20/27</b>	<b>(29)/30</b>	<b>10/(11)</b>	<b>16/18</b>	<b>12/12</b>	<b>21/23</b>	<b>(14)/</b>	<b>(7)/9.3</b>	<b>10/14</b>	<b>(11)/(17)</b>	<b>(18)/</b>	<b>(14)/15</b>	<b>12/</b>		(15)/		

Run		Sample	Amel	D13S317	D7S820	D2S1338	D21S11	D16S539	D18S51	CSF1PO	FGA	vWA	TH01	D2S441	D22S1045	D12S391	D10S1248	D1S1656	D3S1358	D19S433	D8S1179	
		<b>I3 G</b>																				
18.11.2014	Minifiler	I3GC1	X/Y	8	8/12	24	31.2	11	19/23	11/12	19/20											
28.11.2014	Minifiler	I3GC1	X	8/13		24		11/(13)	19/23	11	19/20											
28.11.2014	Minifiler	I3GC2	X/Y	8/13	8/12	24/25	25/31.2	11	19/23/24	11/12	(19)/20											
11.12.2014	Minifiler	I3GC3	X/Y	8/13	8/12	24/25	25/31.2	11	19/23	11/12	19/20											
11.12.2014	Tetraplex	I3GC3										14/19.2	7/9	11			14/15					
29.06.2015	Hexaplex	I3GC4	X/Y										7/9	11	15/16	15/21	14	13/17.3				
25.09.2015	ESSplex	I3GC4	X/Y				31.2	11	19					11	15	15	14	13/17.3	(8)/17	13/14	13	
25.09.2015	ESSplex	I3GC4	X/Y					11	19/23				7/9	11	16	15	14/15	17.3			13	
		<b>Cons</b>	<b>X/Y</b>	<b>8/13</b>	<b>8/12</b>	<b>24/25</b>	<b>25/31.2</b>	<b>11/11</b>	<b>19/23</b>	<b>11/12</b>	<b>19/20</b>	<b>(14)/(19.2)</b>	<b>7/9</b>	<b>11/11</b>	<b>15/16</b>	<b>15/(21)</b>	<b>14/15</b>	<b>13/17.3</b>	(17)/	(13)/(14)	(13)/	

Minifiler: AmpFISTR Minifiler PCR Amplification Kit (Applied Biosystems); Hexaplex: Investigator Hexaplex ESS Kit (Qiagen); ESSplex: Investigator ESSplex Plus Kit (Qiagen).

Run result in brackets means that the peak height of the fragment did not reach the threshold of 20 RFU. Consensus result in brackets means that the result occurred only once.

Run		Sample	Amel	D13S317	D7S820	D2S1338	D21S11	D16S539	D18S51	CSF1PO	FGA	vWA	TH01	D2S441	D22S1045	D12S391	D10S1248	D1S1656	D3S1358	D19S433	D8S1179
		<b>I4 H</b>																			
18.11.2014	Minifiler	I4HMT1	X/Y	8/13	11/12	18	30/32.2	14	14	11/12	19										
28.11.2014	Minifiler	I4HMT1	X/Y	8	11/12/14	18	30	12/14	14	11/12	19/25										
28.11.2014	Minifiler	I4HMT2	X/Y	8/13	11	18	30/32.2	12/13/14	14	11/12	19/25										
12.06.2015	Hexaplex	I4HT1	X/Y										6/7	10/11	15/16	18	13	11/17.3			
07.07.2015	Tetraplex	I4HT1										17/18	6/7	10/11			13				
25.09.2015	ESSplex	I4HT2	X/Y			18	30/32.2	12/14	14		19/25	17/18	6/7	10/11	15/16	18	13	11/17.3	15/19	14/16	12
		<b>Cons</b>	<b>X/Y</b>	<b>8/13</b>	<b>11/12</b>	<b>18/18</b>	<b>30/32.2</b>	<b>12/14</b>	<b>14/14</b>	<b>11/12</b>	<b>19/25</b>	<b>17/18</b>	<b>6/7</b>	<b>10/11</b>	<b>15/16</b>	<b>18/18</b>	<b>13/13</b>	<b>11/17.3</b>	(15)/(19)	(14)/(16)	(12)

Run		Sample	Amel	D13S317	D7S820	D2S1338	D21S11	D16S539	D18S51	CSF1PO	FGA	vWA	TH01	D2S441	D22S1045	D12S391	D10S1248	D1S1656	D3S1358	D19S433	D8S1179
		<b>I/52</b>																			
18.11.2014	Minifiler	I/52C1					32.2			11											
28.11.2014	Minifiler	I/52C2	X					11	(18)	11	(21)/22										
05.02.2015	Minifiler	I/52T1	X	8/13	9		32.2	10/11	13/17	9/11	21										
17.03.2015	Minifiler	I/52T2	X/Y	8/13			30/32.2	10/11	17	9/11/12	21/25										
05.02.2015	Minifiler	I/52C3	Y	8					13												
05.02.2015	Minifiler	I/52C4		8/13	9			10/11	17	9											
30.06.2015	Minifiler	I/52T2	X	8	8/9	20	30	11		9/11											
30.06.2015	Minifiler	I/52T3	X/Y	8/13	8/9	20/25	32.2	10/11	13	9/11/12	25										
30.06.2015	Minifiler	I/52T3	Y	8/13	9	20	30	8/10	13/17	9/11	21										
12.06.2015	Hexaplex	I/52T2	X/Y										9/9.3	10		17	13	17.3			
12.06.2015	Hexaplex	I/52T2	Y										9/9.3	10	17			17.3			
12.06.2015	Hexaplex	I/52T3	X/Y										9/9.3	10	15	17	13	12			
12.06.2015	Hexaplex	I/52T3	X/Y										8.3/9.3	10	15/17		13	12			
29.06.2015	Hexaplex	I/52C4	X/Y										9/9.3	10	15		13				
29.06.2015	Hexaplex	I/52T5	X/Y										9.3	10	15/16/17	18		12/17.3			
10.08.2015	ESSplex	I/52T2	X/Y				30	10/11	19				9/9.3	10	15/17		12/13	12		13	
25.09.2015	ESSplex	I/52T5	X/Y					10/11	13/17			16/17	9/9.3	10	15/17		13	12	14	13	
25.09.2015	ESSplex	I/52T5	X					10/11	13		21		9/9.3	10/14	15/17		13		14	13	
07.07.2015	Tetraplex	I/52T4										16/17		10			13				
07.07.2015	D2S441	I/52T4												10							
03.03.2016	D3S1358	I/52C2																	14		
03.03.2016	D3S1358	I/52C4																	14		
03.03.2016	D3S1358	I/52T2																	14		
		<b>Cons.</b>	<b>X/Y</b>	<b>8/13</b>	<b>8/9</b>	<b>20/25</b>	<b>30/32.2</b>	<b>10/11</b>	<b>13/17</b>	<b>9/11</b>	<b>21/25</b>	<b>16/17</b>	<b>9/9.3</b>	<b>10/10</b>	<b>15/17</b>	<b>17/(18)</b>	<b>13/13</b>	<b>12/17.3</b>	14/14	13/13	

Minifiler: AmpFISTR Minifiler PCR Amplification Kit (Applied Biosystems); Hexaplex: Investigator Hexaplex ESS Kit (Qiagen); ESSplex: Investigator ESSplex Plus Kit (Qiagen).

Run result in brackets means that the peak height of the fragment did not reach the threshold of 20 RFU. Consensus result in brackets means that the result occurred only once.

Run		Sample	Amel	D13S317	D7S820	D2S1338	D21S11	D16S539	D18S51	CSF1PO	FGA	vWA	TH01	D2S441	D22S1045	D12S391	D10S1248	D1S1656	D3S1358	D19S433	D8S1179
		<b>II/53</b>																			
18.11.2014	Minifiler	II53C1	X/Y	12	12	20	26/28	12/13	14/15	10/11	(20)/22										
28.11.2014.	Minifiler	II53C1	<b>X/Y</b>		12	20/21	26/28	12/13	14/15	10	20/22										
28.11.2014	Minifiler	II53C2	<b>X/Y</b>	12	10/12	20/21/25	28	12/13	14	10	20/22										
17.03.2015	Minifiler	II53C3	X/Y	12	10/12	20/21	26/28	12/13	14/15	10	20/22										
17.03.2015	Minifiler	II53V1	X/Y	12	10/12	20/21	26/28	12/13	14/15	10	20/22										
07.07.2015	Tetraplex	II53V1										18/19	10	12/14				11/13			
15.09.25.	ESSplex	II53C4	X/Y					12/13					10	14				13			14
15.09.25.	ESSplex	II53C4	X/Y				26	13	14/15			18	8/10	12/14	14/15			13		9/14	
15.09.25.	ESSplex	II53V2	X/Y					12	14		22		8/10	12/14	14			13		14	
		<b>Cons.</b>	<b>X/Y</b>	<b>12/12</b>	<b>10/12</b>	<b>20/21</b>	<b>26/28</b>	<b>12/13</b>	<b>14/15</b>	<b>10/10</b>	<b>20/22</b>	<b>18/(19)</b>	<b>8/10</b>	<b>12/14</b>	<b>14/(15)</b>			<b>(11)/13</b>		(9)/14	(14)/

Run		Sample	Amel	D13S317	D7S820	D2S1338	D21S11	D16S539	D18S51	CSF1PO	FGA	vWA	TH01	D2S441	D22S1045	D12S391	D10S1248	D1S1656	D3S1358	D19S433	D8S1179
		<b>II/54</b>																			
11.12.2014.	Minifiler	II54C1	X/Y	11/13	11/12	21/23	29	11/12	14/17	12	21/23										
17.03.2015	Minifiler	II54C2	X/Y	11/13	11/12	21/23	29	11/12	14/17	12	21/23										
10.08.2015	ESSplex	II54C2	X/Y			21/23		11/12	14/17		21/23	14/16	6/9.3	10/11	14/15	19/23	13/15	15/17	16/17	13/14	11/14
10.08.2015	ESSplex	II54C3	X/Y			21/23	29	11/12	14/17			14/16	6/9.3	10/11	14/15	19/23	13/15	15/17	16/17	13/14	11/14
		<b>Cons.</b>	<b>X/Y</b>	<b>11/13</b>	<b>11/12</b>	<b>21/23</b>	<b>29/29</b>	<b>11/12</b>	<b>14/17</b>	<b>12/12</b>	<b>21/23</b>	<b>14/16</b>	<b>6/9.3</b>	<b>10/11</b>	<b>14/15</b>	<b>19/23</b>	<b>13/15</b>	<b>15/17</b>	16/17	13/14	11/14

Run		Sample	Amel	D13S317	D7S820	D2S1338	D21S11	D16S539	D18S51	CSF1PO	FGA	vWA	TH01	D2S441	D22S1045	D12S391	D10S1248	D1S1656	D3S1358	D19S433	D8S1179
		<b>II/55</b>																			
11.12.2014	Minifiler	II55C1	X/Y	11/13	9/10	17/24	30/31	12/13	12/16	11/13	22/23										
05.02..2015	Minifiler	II55C2	X/Y	11/13	9/10	17/23/24	30/31	12/13	12/16	11/13	22/23										
17.03.2015	Minifiler	II55C3	<b>X/Y</b>			24	30/31	12	16		22										
07.07.2015	Tetraplex	II55C2										16	6/9.3	11				13/14			
10.08.2015	ESSplex	II55C2	X/Y			17	31	12/13	12/16		23	14/16	6/9.3	11	15	17/22	13/14	16	14/16	13	
10.08.2015	ESSplex	II55C3	X/Y					12/13	12/16		22/23	16	6/9.3	11	12/15	17/22	13/14	16/18	14/16	13/14	
		<b>Cons.</b>	<b>X/Y</b>	<b>11/13</b>	<b>9/10</b>	<b>17/24</b>	<b>30/31</b>	<b>12/13</b>	<b>12/16</b>	<b>11/13</b>	<b>22/23</b>	<b>(14)/16</b>	<b>6/9.3</b>	<b>11/11</b>	<b>(12)/15</b>	<b>17/22</b>	<b>13/14</b>	<b>16/(18)</b>	14/16	13/(14)	

Run		Sample	Amel	D13S317	D7S820	D2S1338	D21S11	D16S539	D18S51	CSF1PO	FGA	vWA	TH01	D2S441	D22S1045	D12S391	D10S1248	D1S1656	D3S1358	D19S433	D8S1179
		<b>II/109</b>																			
11.12.2014	Minifiler	II109C1	X	9/11	8/10	18/19	31/33.2	10/13	14	10/13	22										
11.12.2014	Minifiler	II109C1	X	11	8/10	18	31/33.2	10/13	14/15	10/13	22										
17.03.2015	Minifiler	II109C2	X	9/11	8	18/19	33.2	10/13	14/15	10/13	22										
10.08.2015.	ESSplex	II109C2	X			18		10/13					9	11/14	15/16	17/23	14/15	16	15		
		<b>Cons.</b>	<b>X/X</b>	<b>9/11</b>	<b>8/10</b>	<b>18/19</b>	<b>31/33.2</b>	<b>10/13</b>	<b>14/15</b>	<b>10/13</b>	<b>22/22</b>		<b>(9)/</b>	<b>(11)/(14)</b>	<b>(15)/16</b>	<b>(17)/(23)</b>	<b>(14)/(15)</b>	<b>(16)/</b>	<b>(15)/</b>		

Minifiler: AmpFISTR Minifiler PCR Amplification Kit (Applied Biosystems); Hexaplex: Investigator Hexaplex ESS Kit (Qiagen); ESSplex: Investigator ESSplex Plus Kit (Qiagen).

Run result in brackets means that the peak height of the fragment did not reach the threshold of 20 RFU. Consensus result in brackets means that the result occurred only once.

The following mock extractions were used for the autosomal STR amplification reactions

		Sample	Amel	D13S317	D7S820	D2S1338	D21S11	D16S539	D18S51	CSF1PO	FGA	vWA	TH01	D2S441	D22S1045	D12S391	D10S1248	D1S1656	D3S1358	D19S433	D8S1179	
<b>Run</b>		<b>Mock</b>																				
18.11.2014	Minifiler	Mock1																				
28.11.2014	Minifiler	Mock2																				
11.12.2014	Minifiler	Mock3																				
05.02.2015	Minifiler	Mock4																				
17.03.2015	Minifiler	Mock5																				
30.06.2015	Minifiler	Mock6																				
30.06.2015	Minifiler	Mock7																				
12.06.2015	Hexaplex	Mock6																				
29.06.2015	Hexaplex	Mock7																				
07.07.2015	Tetraplex	Mock4																				
07.07.2015	Tetraplex	Mock6																				
10.08.2015	ESSplex	Mock5																				
25.09.2015	ESSplex	Mock6																				
25.09.2015	ESSplex	Mock7																				
03.03.2016	D3S1358	Mock5																				

Minifiler: AmpFISTR Minifiler PCR Amplification Kit (Applied Biosystems); Hexaplex: Investigator Hexaplex ESS Kit (Qiagen); ESSplex: Investigator ESSplex Plus Kit (Qiagen).

All the mock extractions and No Template Control (NTC) reactions for each batch revealed no successful amplification.

Autosomal STR amplification results for Bela III. – Göttingen

Individual (Sample)	Extract no.	µl Ex in PCR	Amelo	D13S317	D21S11	D18S51	TH01	D5S818	FGA	D16S539	D22S1045	D2S441	D3S1358	VWA	D1S1656	D19S433	SE33	D10S1248	D12S391	D8S1179	D2S1338	D7S820	D9S1120	PCR #	Run		
Bela III. (HU 3B Mt)	Ex 1	1	-/-	-/-	-/-	-/-	9/-	-/-	-/-															3a	2014.07.01		
	Ex 1	5	-/-	-/-	-/-	-/-	7/-	-/-	-/-																3b	2014.07.01	
	Ex 2	1	-/-	-/-	-/-	-/-	-/-	-/-	-/-																3a	2014.07.01	
	Ex 2	5	-/-	-/-	-/-	-/-	-/-	-/-	-/-																3b	2014.07.01	
	Ex 1	0.1	-/-	-/-	-/-	-/-	-/-	-/-	-/-																4a	2014.09.29	
	Ex 1	0.5	-/-	-/-	-/-	-/-	-/-	-/-	-/-																4b	2014.09.29	
	Ex 1	1	Y/-	9/-	-/-	-/-	-/-	-/-	-/-																4c	2014.09.29	
	Ex 2	0.1	-/-	-/-	-/-	-/-	6/-	-/-	-/-																4a	2014.09.29	
	Ex 2	0.5	-/-	-/-	-/-	-/-	-/-	-/-	-/-																4b	2014.09.29	
	Ex 2	1	-/-	-/-	-/-	-/-	-/-	-/-	-/-																4c	2014.09.29	
	Ex 1	1*	-/-	-/-	-/-	-/-	-/-	-/-	-/-																5a	2014.09.29	
	Ex 1	1*	-/-	-/-	-/-	-/-	-/-	-/-	-/-																5b	2014.09.29	
	Ex 1	1*	Y/-	-/-	-/-	-/-	-/-	-/-	-/-																5c	2014.09.29	
	Ex 2	1*	-/-	-/-	-/-	-/-	-/-	-/-	-/-																5a	2014.09.29	
	Ex 2	1*	-/-	-/-	-/-	-/-	-/-	-/-	-/-																5b	2014.09.29	
	Ex 2	1*	X/-	-/-	-/-	-/-	-/-	-/-	-/-																5c	2014.09.29	
	Ex 1	0.1	-/-		-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	6a	2014.09.29
	Ex 1	0.5	-/-		-/-	19/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	6b	2014.09.29
	Ex 1	1	-/-		30/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	6c	2014.09.29
	Ex 1	2	X/Y		-/-	13/15	-/-	-/-	24/-	11/12	-/-	10/11/11.3	-/-	-/-	11/17	-/-	-/-	-/-	-/-	-/-	12/-	-/-			14	2015.08.15	
	Ex 3	1	-/-	-/-	-/-	-/-	-/-	-/-	21/-																	7a	2014.09.29
	Ex 3	5	X/-	-/-	-/-	19/-	7/-	12/-	-/-																	7b	2014.09.29
	Ex 4	1	-/-	-/-	-/-	-/-	10/-	-/-	-/-																	7a	2014.09.29
	Ex 4	5	Y/-	10/-	-/-	-/-	7/8	-/-	-/-																	7b	2014.09.29
Ex 5	1	X/Y	9/13	31/32.2	13/16	7/9	10/12	21/-																	8a	2014.12.01	
Ex 5	3	X/Y	9/13	30/31/32.2	13/16	7/9	10/12	21/-																	8b	2014.12.01	
Ex 6	1	X/Y	9/13	29/30	13/16	7/9	10/12	21/-																	8a	2014.12.01	
Ex 6	3	X/Y	9/13	31/32.2	13/16	7/9	10/12	21/-																	8b	2014.12.01	
Bela III. (HU 3B Ta)	Ex 7	1	X/Y	9/13	32.2/-	13/16	7/9	10/12	21/-																13a	2015.08.10	
	Ex 7	3	X/Y	9/13	31/32.2	13/16	7/9	10/12	21/-																	13b	2015.08.10
	Ex 7	3	X/Y		-/-	13/16	7/9		21/-	11/12	15/16	11/11.3	15/17	17/-	13/17.3	15/-	20/27.2	13/-	18/(19)	14/-	-/-				15a***	2015.08.20	
	Ex 7	5	X/Y		31/32.2	13/16	7/9		21/-	11/12	15/16	11/11.3	15/17	17/-	13/17.3	16.2/-	20/-	13/-	18/19	-/-	21/-				15b***	2015.08.20	
	Ex 7	3	X/Y		31/-	13/16	7/9		21/-	11/12	15/16	11/11.3	15/17	17/-	13/17.3	15/16.2	20/-	13/-	18/19	13/14	-/-				16a	2015.08.29	
	Ex 7	5	X/Y		-/-	13/16	7/9		21/-	11/12	15/16	11/11.3	15/17	17/-	13/17.3	15/16.2	20/27.2	13/-	18/19	13/-	-/-				16b	2015.08.29	
	Ex 7	3	X/Y		31/32.2					11/12			15/17	17/-		15/16.2				13/14	17/-	10/11	15/16	17a	2015.10.21		
	Ex 7	5	X/Y		31/32.2					11/12			15/17	17/-		15/16.2				13/14	17/-	10/11	15/16	17b	2015.10.21		
	Ex 7	0.5	X/Y		31/32.2					11/12			15/17	17/-		15/16.2				13/14	17/-	10/11	15/16	18a	2015.11.30		
	Ex 7	1	X/Y		31/-					11/12			15/17	17/-		15/16.2				13/14	17/-	10/11	15/16	18b	2015.11.30		
	Ex 7	0.5	X/Y		-/-	16/-	7/9		21/-	11/12	15/16	11/11.3	17/-	-/-	13/17.3	15/-	-/-	13/-	18/-	-/-	-/-				19a	2015.11.30	
Ex 7	1	X/Y		-/-	13/16	7/9		-/-	11/12	15/16	11/11.3	15/17	17/-	13/17.3	15/16.2	20/-	13/-	18/19	14/-	-/-				19b	2015.11.30		
Fingerprint			X/Y	9/13	31/32.2	13/16	7/9	10/12	21/21	11/12	15/16	11/11.3	15/17	17/17	13/17.3	15/16.2	20/27.2	13/13	18/19	13/14	17/-	10/11	15/16				

## Autosomal STR amplification results for Anna of Antioch– Göttingen

Individual (Sample)	Extr act no.	µl Ex in PCR	Amelo	D13S317	D21S11	D18S51	TH01	D5S818	FGA	D16S539	D22S1045	D2S441	D3S1358	VWA	D1S1656	D19S433	SE33	D10S1248	D12S391	D8S1179	D2S1338	D7S820	D9S1120	PCR #	Run	
Anna of Antioch (HU AA Co)	Ex 1	1	-/-	-/-	-/-	-/-	-/-	14/-	-/-															3a	2014.07.01	
	Ex 1	5	X/-	11/-	-/-	-/-	7/9.3	-/-	-/-																3b	2014.07.01
	Ex 2	1	-/-	-/-	-/-	-/-	-/-	-/-	-/-																3a	2014.07.01
	Ex 2	5	X/-	-/-	-/-	-/-	-/-	-/-	-/-																3b	2014.07.01
	Ex 1	0.1	-/-	-/-	-/-	-/-	-/-	-/-	-/-																4a	2014.09.29
	Ex 1	0.5	X/-	-/-	-/-	-/-	9.3/-	12/14	-/-																4b	2014.09.29
	Ex 1	1	-/-	11/-	33/-	-/-	7/9.3	8/11	-/-																4c	2014.09.29
	Ex 2	0.1	-/-	-/-	-/-	-/-	-/-	-/-	-/-																4a	2014.09.29
	Ex 2	0.5	-/-	-/-	-/-	-/-	-/-	-/-	-/-																4b	2014.09.29
	Ex 2	1	-/-	-/-	-/-	-/-	-/-	-/-	-/-																4c	2014.09.29
	Ex 1	1*	-/-	-/-	-/-	-/-	-/-	-/-	-/-																5a	2014.09.29
	Ex 1	1*	X/-	10/12	-/-	-/-	9.3/-	-/-	-/-																5b	2014.09.29
	Ex 1	1*	-/-	-/-	-/-	-/-	7/9.3	-/-	-/-																5c	2014.09.29
	Ex 2	1*	-/-	-/-	-/-	-/-	-/-	-/-	-/-																5a	2014.09.29
	Ex 2	1*	-/-	-/-	-/-	-/-	-/-	-/-	-/-																5b	2014.09.29
	Ex 2	1*	-/-	-/-	-/-	-/-	-/-	-/-	-/-																5c	2014.09.29
	Ex 1	0.1	-/-		-/-	-/-	-/-	-/-	-/-	-/-	-/-	11/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	6a	2014.09.29
	Ex 1	0.5	-/-		-/-	26/-	-/-	-/-	-/-	-/-	-/-	14/-	13.3/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	6b	2014.09.29
	Ex 1	1	-/-		-/-	-/-	-/-	-/-	-/-	-/-	10/11	11/-	14/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	6c	2014.09.29
	Ex 1	2	X/-		-/-	18/-	7/-		-/-	9/10/11	-/-	-/-	-/-	-/-	-/-	-/-	21.2/-	14/-	-/-	13/-	27/-				14	2015.08.15
	Ex 3	1	-/-	11/-	-/-	16/-	-/-	-/-	-/-																7a	2014.09.29
	Ex 3	5	-/-	-/-	-/-	-/-	-/-	-/-	-/-																7b	2014.09.29
	Ex 4	1	-/-	-/-	-/-	-/-	-/-	14/-	21/-																7a	2014.09.29
	Ex 4	5	X/-	11/-	30/33	18/-	7/9.3	-/-	23/-																7b	2014.09.29
	Ex 5	1	-/-	-/-	33/-	-/-	9.3/-	11/-	-/-																8a	2014.12.01
	Ex 5	3	X/-	11/-	-/-	-/-	9.3/-	14/-	-/-																8b	2014.12.01
	Ex 5	2	-/-		-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	14	2015.08.15
	Anna of Antioch (HU AA Ve)	Ex 6	1	-/-	8/9	28/-	-/-	8/-	11/-	-/-															9a	2014.12.14
Ex 6		3	-/-	-/-	-/-	-/-	-/-	-/-	-/-																9b	2014.12.14
Anna of Antioch (HU AA Fe)****	Ex 8	1	-/-	-/-	-/-	-/-	9.3/-	-/-	-/-															13a	2015.08.10	
	Ex 8	3	-/-	11/12	29/32.2	19/-	9.3/-	12/-	-/-															13b	2015.08.10	
	Ex 8	5	X/-		-/-	12/-	6/9.3		-/-	9/12	12/15	11/14	17/-	18/-	-/-	-/-	-/-	13/14	18/-	-/-	-/-			15***	2015.08.20	
	Ex 8	5	X/Y		-/-	19/-	8/9.3		19/-	9/11/12	13/15/16	11/15	-/-	-/-	16/-	-/-	-/-	16/-	23/-	-/-	19/-			16	2015.08.29	
	Ex 8	3	X/Y		-/-					11/12			14/16	-/-		14/16			13/-	17/19	9/-	15/16		17a	2015.10.21	
	Ex 8	5	X/-		28/-					11/12			-/-	14/17		-/-		12/-	-/-	-/-	-/-			17b	2015.10.21	
	Ex 8	0.5	-/-		-/-					11/-			-/-	-/-		-/-		11/-	-/-	-/-	-/-			18a	2015.11.30	
	Ex 8	1	X/-		-/-					-/-			16/-	-/-		13/-			14/-	-/-	-/-	-/-		18b	2015.11.30	
	Ex 8	0.5	-/-		-/-	-/-	-/-	-/-	-/-	12/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	19a	2015.11.30
	Ex 8	1	-/-		-/-	-/-	6/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	19b	2015.11.30
Fingerprint Costa only			X/-	11/-	33/-	18/-	7/9.3	14/-	-/-	10/11	11/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-			

\* PCR with products from PCR 4; \*\*\* Amplification with the Investigator ESSplex SE QS kit. Partly revealed some additional unspecific products; \*\*\*\* The genotype of the femur is different from the genotype of the costa. It is either deeply contaminated (decontamination with bleach as for all other bones) or it is a sample from another (male) individual. Negative controls for the PCRs revealed no amplification.

Autosomal STR amplification results for the Foetus- Göttingen

Individual (Sample)	Extract no.	µl Ex in PCR	Amelo	D13S317	D21S11	D18S51	TH01	D5S818	FGA	D16S539	D22S1045	D2S441	D3S1358	VWA	D1S1656	D19S433	SE33	D10S1248	D12S391	D8S1179	D2S1338	D7S820	D9S1120	PCR #	Run					
Foetus (HU FS Ve)	Ex 1	1	X/Y	12/-	30.2/-	17/19	6/9.3	12/-	20/25																3a	2014.07.01				
	Ex 1	5	X/-	-/-	-/-	-/-	6/9.3	-/-	-/-																	3b	2014.07.01			
	Ex 1	0.1	X/-	-/-	-/-	-/-	6/-	-/-	-/-																		4a	2014.09.29		
	Ex 1	0.5	X/-	12/-	-/-	-/-	6/9.3	12/13	25/-																		4b	2014.09.29		
	Ex 1	1	-/-	12/-	30.2/-	19/-	6/9.3	13/-	20/25																			4c	2014.09.29	
	Ex 1	1*	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-																			5a	2014.09.29
	Ex 1	1*	X/-	-/-	-/-	-/-	6/9.3	12/13	-/-																				5b	2014.09.29
	Ex 1	1*	-/-	10/-	-/-	-/-	6/9.3	13/-	20/-																					5c
<b>Fingerprint</b>			<b>X/-</b>	<b>12/-</b>	<b>30.2/-</b>	<b>19/-</b>	<b>6/9.3</b>	<b>12/13</b>	<b>20/25</b>																					

Negative controls for the PCRs revealed no amplification.

## Autosomal STR amplification results for I/3 G 5. skeleton – Göttingen

Individual (Sample)	Extract no.	µl Ex in PCR	Amelo	D13S317	D21S11	D18S51	TH01	D5S818	FGA	D16S539	D22S1045	D2S441	D3S1358	VWA	D1S1656	D19S433	SE33	D10S1248	D12S391	D8S1179	D2S1338	D7S820	D9S1120	PCR #	Run
I/3 G 5. skeleton (HU 3G Ta)	Ex 1	1	X/Y	8/13	25/30.2/31.2	19/-	7/9	11/12	19/20															2	2014.06.30
	Ex 1	5	X/Y	8/13	25/(30.2)/31.2	19/-	7/9	11/12	19/20															1	2014.06.06
	Ex 2	1	X/-	8/13	30.2/31.2	19/-	7/9	11/12	19/20															2a	2014.06.30
	Ex 2	5	X/Y	8/13	25/30.2/31.2	19/-	7/9	11/12	19/20															2b	2014.06.30
	Ex 1	2	X/Y		25/31.2	19/23	7/9		19/20	11/-	15/16	11/-	14/17	14/19	13/17.3	13/14	18/29.2	14/15	15/21	13/-	19/24/25			14	2015.08.15
	Ex 3	1	X/Y	8/13	25/31.2	19/23	7/9	11/12	19/20															8a	2014.12.01
	Ex 3	3	X/Y	8/13	25/31.2	19/-	7/9	11/12	19/20															8b	2014.12.01
	Ex 3	2	X/Y		25/-	19/23/(24)	7/9		19/20/(24)	11/-	15/16	11/-	14/17	-/-	13/-	13/14	18/-	14/15	15/21	13/-	-/-			14	2015.08.15
I/3 G 5. skeleton (HU 3G Co)	Ex 4	1	X/Y	8/-	25/31.2	19/23	7/9	11/12	20/-															8a	2014.12.01
	Ex 4	3	X/Y	8/13	25/31.2	19/23	7/9	11/12	19/20															8b	2014.12.01
I/3 G 5. skeleton (HU 3G Fe)	Ex 5	1	Y/-	8/13	-/-	19/23	7/9	11/12	19/20															13a	2015.08.10
	Ex 5	3	X/Y	8/13	25/31.2	19/23	7/9	11/12	19/20															13b	2015.08.10
	Ex 5	3	X/Y		25/-	19/23	7/9		19/20	11/-	15/16	11/-	14/17	19/-	17.3/-	13/-	18/-	14/15	-/-	(10)/13	20/24			15a***	2015.08.20
	Ex 5	5	X/Y		25/31.2	19/23	7/9		19/20	11/-	15/16	11/-	14/17	19/-	13/-	13/14	18/29.2	14/15	15/21	(10)/13	24/-			15b***	2015.08.20
	Ex 5	3	X/Y		25/-	19/23	7/9		20/-	11/-	15/16	11/-	14/17	14/19	13/17.3	13/-	18/-	14/15	15/21	13/-	(25)/-			16a	2015.08.29
	Ex 5	5	X/Y		25/-	19/23	7/9		19/20	11/-	15/16	11/-	14/17	14/19	13/17.3	13/14	18/29.2	14/15	15/21	13/-	24/-			16b	2015.08.29
	Ex 5	3	X/Y		25/31.2					11/-			14/17	14/19		13/14				13/-	24/25	8/12	16/-	17a	2015.10.21
	Ex 5	5	X/Y		25/31.2					11/-			14/17	14/19		13/14				13/-	24/25	8/12	16/-	17b	2015.10.21
Fingerprint			X/Y	8/13	25/31.2	19/23	7/9	11/12	19/20	11/11	15/16	11/11	14/17	14/19	13/17.3	13/14	18/29.2	14/15	15/21	13/13	24/25	8/12	16/16		

\*\*\* Amplification with the Investigator ESSplex SE QS kit. Partly revealed some additional unspecific products.  
Negative controls for the PCRs revealed no amplification.

## Autosomal STR amplification results for I/4 H 6. skeleton – Göttingen

Individual (Sample)	Extract no.	µl Ex in PCR	Amelo	D13S317	D21S11	D18S51	TH01	D5S818	FGA	D16S539	D22S1045	D2S441	D3S1358	VWA	D1S1656	D19S433	SE33	D10S1248	D12S391	D8S1179	D2S1338	D7S820	D9S1120	PCR #	Run		
I/4 H 6. skeleton (HU 4H Mt)	Ex 1	1	X/Y	8/13	30/32.2	14/-	6/7	10/12	19/25															2	2014.06.30		
	Ex 1	5	X/Y	8/-	-/-	-/-	6/7	-/-	-/-															1	2014.06.06		
	Ex 2	1	X/Y	8/13	30/32.2	14/-	-/-	10/12	19/25																2a	2014.06.30	
	Ex 2	5	X/Y	8/13	30/32.2	14/-	6/7	10/12	19/25																2b	2014.06.30	
	Ex 1	0.1	X/Y	13/-	-/-	14/-	6/7	12/-	19/-																4a	2014.09.29	
	Ex 1	0.5	X/Y	8/13	30/32.2	14/-	6/7	10/12	19/25																	4b	2014.09.29
	Ex 1	1	X/Y	8/13	30/-	14/-	6/7	10/12	19/25																	4c	2014.09.29
	Ex 2	0.1	X/-	-/-	28/-	14/-	-/-	-/-	25/-																	4a	2014.09.29
	Ex 2	0.5	X/Y	8/13	32.2/-	14/-	-/-	12/-	19/25																	4b	2014.09.29
	Ex 2	1	Y/-	13/-	-/-	14/-	6/7	10/12	19/25																	4c	2014.09.29
	Ex 1	1*	X/Y	-/-	-/-	-/-	6/7	8/12	-/-																	5a	2014.09.29
	Ex 1	1*	X/Y	-/-	30/-	-/-	6/7	10/12	19/25																	5b	2014.09.29
	Ex 1	1*	X/Y	8/13	30/-	14/-	6/7	12/-	19/25																	5c	2014.09.29
	Ex 2	1*	X/-	-/-	28/-	-/-	-/-	-/-	-/-																	5a	2014.09.29
	Ex 2	1*	X/Y	10/-	32.2/-	-/-	-/-	-/-	-/-																	5b	2014.09.29
	Ex 2	1*	Y/-	-/-	-/-	14/-	6/7	10/12	19/25																	5c	2014.09.29
	Ex 1	0.1	Y/-		-/-	14/-	6/7		-/-	11/12/14	-/-	10/11	15/19	18/-	17.3/-	-/-	-/-	12/13	18/-	-/-	-/-					6a	2014.09.29
	Ex 1	0.5	X/Y		-/-	14/-	6/7		19/25	12/14	15/16	10/11	15/19	18/-	11/17.3	16/-	22.2	13/-	18/-	12/-	18/-					6b	2014.09.29
	Ex 1	1	X/Y		32.2/-	14/-	6/7		19/25	12/14	15/16	10/11	15/19	17/18	11/17.3	14/16	22.2/28.2	13/-	18/-	12/-	18/-					6c	2014.09.29
	Ex 1	2	X/Y		30/32.2	14/-	6/7		19/25	12/14	15/16	10/11	15/19	16/17/(18)	11/17.3	14/16	21.2/22.2/28.2	13/-	18/-	12/-	-/-					14	2015.08.15
Ex 3	1	X/Y	8/13	30/32.2	14/-	6/7	10/12	19/25																	8a	2014.12.01	
Ex 3	3	X/Y	8/13	30/32.2	14/-	6/7	10/12	19/25																	8b	2014.12.01	
Ex 4	1	X/Y	8/13	30/32.2	14/-	6/7	10/12	19/25																	8a	2014.12.01	
Ex 4	3	X/Y	8/13	30/32.2	14/-	6/7	10/12	19/25																	8b	2014.12.01	
Ex 3	2	X/Y		30/32.2	14/-	6/7		19/25	12/14	15/16	10/11	-/-	17/-	11/17.3	14/16/(17)	28.2/29.2	13/-	18/-	-/-	16/-					14	2015.08.15	
I/4 H 6. skeleton (HU 4H Ta)	Ex 5	1	X/Y	8/13	30/32.2	14/-	6/7	10/12	19/25																13a	2015.08.10	
	Ex 5	3	X/Y	8/13	30/32.2	14/-	6/7	10/12	19/25																	13b	2015.08.10
	Ex 5	1	X/Y		30/32.2	14/-	6/7		19/25	12/14	15/16	10/11	15/19	17/18	11/17.3	14/16	22.2/28.2	13/-	18/-	12/(13)	18/-					15a***	2015.08.20
	Ex 5	3	X/Y		30/32.2	14/-	6/7		19/25	12/14	15/16	10/11	15/19	17/18	11/17.3	14/16	22.2/28.2	13/-	18/-	12/(13)	18/-					15b***	2015.08.20
	Ex 5	1	X/Y		30/32.2	14/-	6/7		19/25	12/14	15/16	10/11	15/19	17/18	11/17.3	14/16	22.2/28.2	13/-	18/-	12/-	18/-					16a	2015.08.29
	Ex 5	3	X/Y		30/32.2	14/-	6/7		19/25	12/14	15/16	10/11	15/19	17/18	11/17.3	14/16	22.2/28.2	13/-	18/-	12/-	18/-					16b	2015.08.29
	Ex 5	1	X/Y		30/32.2					12/14			15/19	17/18		14/16				12/-	18/-	11/12	16/-			17a	2015.10.21
	Ex 5	3	X/Y		30/32.2					12/14			15/19	17/18		14/16				12/-	18/-	11/12	16/-			17b	2015.10.21
Fingerprint			X/Y	8/13	30/32.2	14/14	6/7	10/12	19/25	12/14	15/16	10/11	15/19	17/18	11/17.3	14/16	22.2/28.2	13/13	18/18	12/12	18/18	11/12	16/16				

\* PCR with products from PCR 4; \*\*\* Amplification with the Investigator ESSplex SE QS kit. Partly revealed some additional unspecific products  
 Negative controls for the PCRs revealed no amplification..

## Autosomal STR amplification results for II/52 3. skeleton – Göttingen

Individual (Sample)	Extract no.	µl Ex in PCR	Amelo	D13S317	D21S11	D18S51	TH01	D5S818	FGA	D16S539	D22S1045	D2S441	D3S1358	VWA	D1S1656	D19S433	SE33	D10S1248	D12S391	D8S1179	D2S1338	D7S820	D9S1120	PCR #	Run		
II/52 (Unmarked) 3. skeleton (HU 52 Ta)	Ex 1	1	X/Y	12/13	30/32.2	13/-	9/9.3	12/-	-/-															3a	2014.07.01		
	Ex 1	5	X/Y	8/13	30/-	13/17	9/9.3	10/12	21/-																3b	2014.07.01	
	Ex 2	1	X/Y	-/-	-/-	-/-	9/-	14/-	-/-																	3a	2014.07.01
	Ex 2	5	X/Y	8/13	30/32.2	13/-	9/9.3	10/-	21/25																	3b	2014.07.01
	Ex 1	2	X/Y		30/32.2	-/-	9/9.3		20/21	10/11	15/17	9/-	14/-	-/-	12/17.3	13/-	-/-	13/-	17/18	14/-	-/-				14	2015.08.15	
	Ex 3	1	Y/-	8/13	32.2/-	13/17	9/9.3	12/-	25/-																	8a	2014.12.01
	Ex 3	3	X/Y	8/-	32.2/-	13/-	9/9.3	10/12	-/-																	8b	2014.12.01
	Ex 4	1	X/Y	8/13	30/-	13/17	9/9.3	12/-	21/25																	8a	2014.12.01
	Ex 4	3	X/Y	8/10/13	30/32.2	13/17	9/9.3	10/12	21/25																	8b	2014.12.01
Ex 3	2	-/-		-/-	-/-	-/-		-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	14	2015.08.15	
II/52 (Unmarked) 3. skeleton (HU 52 Fe)	Ex 5	1	-/-	8/-	-/-	-/-	9/-	12/-	21/-																13a	2015.08.10	
	Ex 5	3	X/-	-/-	-/-	-/-	9/9.3/10	-/-	22/-																	13b	2015.08.10
	Ex 5	4	X/-		-/-	-/-	9/-		-/-	(12)/-	16/-	-/-	18/-	-/-	-/-	-/-	(23.2)/-	(13)/-	-/-	-/-	-/-					15a***	2015.08.20
	Ex 5	5	X/Y		-/-	-/-	-/-		-/-	-/-	-/-	11/14	18/-	(21)/-	-/-	-/-	23.2/-	-/-	18/-	-/-	-/-					15b***	2015.08.20
	Ex 5	3	X/-		-/-	15/-	9.3/-		-/-	12/-	12/-	11/-	-/-	-/-	-/-	-/-	-/-	13/-	-/-	-/-	-/-					16a	2015.08.29
	Ex 5	5	X/Y		-/-	-/-	8/9/10		-/-	-/-	-/-	9/11	15/18	16/-	-/-	-/-	-/-	13/-	18/-	-/-	-/-					16b	2015.08.29
II/52 (Unmarked) 3. skeleton (HU 52 Ta2)	Ex 6	3	X/Y		30/32.2					11/-			14/-	-/-		13/14				14/-	25/-	8/9	15/16	17a	2015.10.21		
	Ex 6	5	Y/-		-/-					-/-			-/-	-/-		-/-				-/-	-/-	-/-	-/-	17b	2015.10.21		
	Ex 6	0.5	Y/-		32.2/-					11/-			14/-	-/-		-/-				-/-	-/-	-/-	15/-	18a	2015.11.30		
	Ex 6	1	-/-		-/-					10/11			14/-	-/-		13/-				12/-	-/-	9/-	15/16	18b	2015.11.30		
	Ex 6	0.5	Y/-		-/-	13/-	9/9.3		-/-	11/-	-/-	-/-	14/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-			19a	2015.11.30	
	Ex 6	1	-/-		-/-	-/-	9/-		25/-	11/-	-/-	10/-	-/-	-/-	-/-	(12)/13	-/-	13/-	-/-	12/-	-/-				19b	2015.11.30	
<b>Fingerprint Tarsalia only</b>			<b>X/Y</b>	<b>8/13</b>	<b>30/32.2</b>	<b>13/17</b>	<b>9/9.3</b>	<b>10/12</b>	<b>21/25</b>	<b>10/11</b>	<b>-/-</b>	<b>-/-</b>	<b>14/-</b>	<b>-/-</b>	<b>-/-</b>	<b>13/-</b>	<b>-/-</b>	<b>13/-</b>	<b>-/-</b>	<b>12/14</b>	<b>-/-</b>	<b>9/-</b>	<b>15/16</b>				

\* The genotype of the femur is different from the genotype of the two tarsalia. It is either deeply contaminated (decontamination with bleach as for all other bones) or it is a sample from another individual.

\*\*\* Amplification with the Investigator ESSplex SE QS kit. Partly revealed some additional unspecific products.

Negative controls for the PCRs revealed no amplification.

**Autosomal STR amplification results for II/53 7. skeleton – Göttingen**

Individual (Sample)	Extract no.	µl Ex in PCR	Amelo	D13S317	D21S11	D18S51	TH01	D5S818	FGA	D16S539	D22S1045	D2S441	D3S1358	VWA	D1S1656	D19S433	SE33	D10S1248	D12S391	D8S1179	D2S1338	D7S820	D9S1120	PCR #	Run	
II/53 7. skeleton (HU 53 St)	Ex 1	1	X/Y	12/13	29.2/-	14/15/19	7/10	12/-	22/-															2	2014.06.30	
	Ex 1	5	X/Y	12/-	(26)/(28)	(12)/(14)/15	6/8/9/10	11/12	20/22/(24)															1	2014.06.06	
	Ex 2	1	-/-	-/-	27/-	-/-	-/-	-/-	-/-															2a	2014.06.30	
	Ex 2	5	-/-	12/-	-/-	14/-	10/-	11/-	-/-															2b	2014.06.30	
	Ex 1	2	X/Y		-/-	14/15	8/10		-/-	11/13	12/14	11/12/14	-/-	-/-	15/-	13/-	-/-	13/-	-/-	14/-	-/-			14	2015.08.15	
	Ex 3	1	X/Y	12/-	28/-	15/-	-/-	12/13	20/22/24																8a	2014.12.01
	Ex 3	3	X/Y	12/-	26/28	14/19	8/10	12/-	20/22/24																8b	2014.12.01
	Ex 4	1	X/Y	12/-	26/-	14/15	8/9/9.3/10	12/-	20/22/24																8a	2014.12.01
	Ex 4	3	X/Y	8/12	28/-	14/15	8/10	11/12/13	20/22/24																8b	2014.12.01
Ex 4	2	Y/-		-/-	-/-	-/-		-/-	-/-	-/-	12/14	-/-	-/-	-/-	-/-	-/-	-/-	13/-	-/-	-/-	-/-			14	2015.08.15	
II/53 7. skeleton (HU 53 Co)	Ex 5	1	Y/-	12/-	-/-	-/-	10/-	12/-	-/-															13a	2015.08.10	
	Ex 5	3	X/Y	12/-	26/-	-/-	8/10	-/-	-/-																13b	2015.08.10
	Ex 5	3	X/Y		-/-	15/-	8/9.3/10		-/-	-/-	15/-	12/(14)	-/-	(16.2)/(17)	-/-	-/-	-/-	(13)/-	-/-	-/-	-/-				15a***	2015.08.20
	Ex 5	5	X/Y		32.2	14/19	10/-		-/-	12/13	14/-	12/14	-/-	-/-	11/-	13/-	-/-	13/-	18/(25)	13/-	-/-				15b***	2015.08.20
	Ex 5	3	X/Y		-/-	-/-	8/10		-/-	12/13	14/-	12/14	-/-	-/-	15/-	-/-	-/-	13/-	-/-	-/-	-/-				16a	2015.08.29
	Ex 5	5	X/Y		31/-	11/-	8/10		-/-	12/13	14/15	12/14	16/-	-/-	-/-	-/-	-/-	13/-	-/-	-/-	-/-				16b	2015.08.29
	Ex 5	3	X/Y		26/-					(9)/12/(13)			14/16	17/18/19		13/14/17.2				14/-	18/-	10/(12)	16/-		17a	2015.10.21
	Ex 5	5	X/Y		-/-					(9)/12/(13)			14/16/17/18	(25)/-		13/14/17.2				14/-	-/-	10/12	16/-		17b	2015.10.21
	Ex 5	0.5	X/Y		-/-					-/-			14/-	19/-		13/17.2				-/-	-/-	-/-	-/-		18a	2015.11.30
	Ex 5	1	X/Y		-/-					12/-			14/-	-/-		14/17.2				-/-	-/-	10/-	16/-		18b	2015.11.30
	Ex 5	0.5	Y/-		-/-	14/-	8/10		-/-	12/-	-/-	14/-	-/-	-/-	-/-	-/-	-/-	13/-	-/-	-/-	-/-				19a	2015.11.30
Ex 5	1	X/Y		-/-	14/-	-/-		-/-	12/13	-/-	12/14	-/-	-/-	-/-	-/-	-/-	13/-	-/-	-/-	-/-				19b	2015.11.30	
<b>Fingerprint</b>			<b>X/Y</b>	<b>12/-</b>	<b>26/(28)</b>	<b>14/15/(19)</b>	<b>8/10</b>	<b>12/-</b>	<b>20/22/24</b>	<b>12/13</b>	<b>14/-</b>	<b>12/14</b>	<b>14/-</b>	<b>19/-</b>	<b>15/-</b>	<b>13/14/17.2*</b>	<b>-/-</b>	<b>13/13</b>	<b>-/-</b>	<b>14/-</b>	<b>-/-</b>	<b>10/(12)</b>	<b>16/-</b>			

\* The allele 17.2 does only show up with the decaplex kit. Artefact?

\*\*\* Amplification with the Investigator ESSplex SE QS kit. Partly revealed some additional unspecific products.

Negative controls for the PCRs revealed no amplification.

## Autosomal STR amplification results for II/54 9. skeleton – Göttingen

Individual (Sample)	Extract no.	µl Ex in PCR	Amelo	D13S317	D21S11	D18S51	TH01	D5S818	FGA	D16S539	D22S1045	D2S441	D3S1358	VWA	D1S1656	D19S433	SE33	D10S1248	D12S391	D8S1179	D2S1338	D7S820	D9S1120	PCR #	Run			
II/54 9. skeleton (HU 54 Co)	Ex 1	1	X/Y	11/13	29/-	14/17	6/9.3	9/11	21/23																3a	2014.07.01		
	Ex 1	5	X/Y	11/13	29/-	14/17	6/9.3	9/11	21/23																	3b	2014.07.01	
	Ex 2	1	X/-	-/-	-/-	14/-	-/-	11/-	-/-																	3a	2014.07.01	
	Ex 2	5	X/Y	11/-	29/-	-/-	6/-	-/-	-/-																		3b	2014.07.01
	Ex 1	2	X/Y		29/-	14/17	6/9.3		21/23	11/12	14/15	10/11	16/17	14/16	15/17	13/14	18/28.2	13/15	23/-	11/14	21/-					14	2015.08.15	
	Ex 3	1	X/Y	11/13	29/-	14/16/17	6/9.3	9/11	21/23																		8a	2014.12.01
	Ex 3	3	X/Y	11/13	-/-	-/-	6/9.3	-/-	-/-																		8b	2014.12.01
	Ex 4	1	X/Y	11/13	29/30	14/17	6/9.3	9/-	21/23																		8a	2014.12.01
	Ex 4	3	X/Y	11/13	29/-	14/17	6/9.3	9/11	21/23																		8b	2014.12.01
Ex 3	2	X/-		29/30	17/-	6/9.3		21/-	11/-	14/-	10/-	17/-	16/-	15/-	13/-	18/-	13/16	23/-	14/-	-/-					14	2015.08.15		
II/54 9. skeleton (HU 54 Fe)	Ex 5	1	X/Y	13/-	29/-	14/17	9.3/-	9/-	21/-																	13a	2015.08.10	
	Ex 5	3	X/Y	11/13	29/-	14/17	6/9.3	9/11	21/23																		13b	2015.08.10
	Ex 5	3	X/Y		-/-	17/-	6/9.3		-/-	12/-	-/-	-/-	17/-	14/-	-/-	-/-	-/-	(13)/-	-/-	-/-	-/-						15a***	2015.08.20
	Ex 5	5	X/Y		-/-	14/17	6/-		21/-	11/12	(14)/15	10/11	-/-	16/-	15/(16)	14/-	-/-	13/15	19/-	11/-	-/-						15b***	2015.08.20
	Ex 5	1	X/Y		-/-	-/-	9.3/-		-/-	11/-	-/-	10/11	-/-	-/-	-/-	14/-	-/-	15/-	-/-	-/-	-/-						16a	2015.08.29
	Ex 5	3	X/Y		-/-	15/17	6/9.3		(23)/-	12/-	14/15	10/11	-/-	14/-	15/-	14/-	28.2/-	13/-	23/-	-/-	-/-						16b	2015.08.29
	Ex 5	3	X/Y		29/-					12/-			16/17	16/-		13/14/17.2				14/-	-/-	-/-	15/16			17a	2015.10.21	
	Ex 5	5	X/Y		29/-					11/12			16/17	14/-		14/17.2				11/-	21/23	11/-	16/-			17b	2015.10.21	
	Ex 5	0.5	X/-		-/-					-/-			16/-	-/-		13/14				-/-	-/-	11/-	15/-			18a	2015.11.30	
	Ex 5	1	-/-		-/-					11/-			16/-	-/-		13/17.2				-/-	21/-	-/-	16/-			18b	2015.11.30	
	Ex 5	0.5	X/-		-/-	-/-	6/-		-/-	11/-	-/-	10/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-				19a	2015.11.30	
Ex 5	1	Y/-		-/-	17/-	6/9.3		21/-	11/-	-/-	10/-	-/-	-/-	15/17	-/-	(18)/-	15/-	-/-	11/-	-/-					19b	2015.11.30		
Fingerprint			X/Y	11/13	29(30)	14/17	6/9.3	9/11	21/23	11/12	14/15	10/11	16/17	14/16	15/17	13/14/17.2*	18/28.2	13/15	23/-	11/14	21/-	11/-	15/16					

\* The allele 17.2 does only show up with the decaplex kit. Artefact?

\*\*\* Amplification with the Investigator ESSplex SE QS kit. Partly revealed some additional unspecific products.

Negative controls for the PCRs revealed no amplification.

## Autosomal STR amplification results for II/55 10. skeleton – Göttingen

Individual (Sample)	Extract no.	µl Ex in PCR	Amelo	D13S317	D21S11	D18S51	TH01	D5S818	FGA	D16S539	D22S1045	D2S441	D3S1358	VWA	D1S1656	D19S433	SE33	D10S1248	D12S391	D8S1179	D2S1338	D7S820	D9S1120	PCR #	Run		
II/55 10. skeleton (HU 55 Co)	Ex 1	1	X/Y	11/13	30/31	12/16	6/9.3	11/12	22/23															2	2014.06.30		
	Ex 1	5	X/Y	-/-	-/-	-/-	6/9.3	-/-	-/-																1	2014.06.06	
	Ex 2	1	-/-	-/-	-/-	-/-	-/-	-/-	23/-																2a	2014.06.30	
	Ex 2	5	X/Y	9/11/13	30/-	-/-	-/-	-/-	22/-																2b	2014.06.30	
	Ex 1	2	X/Y		30/31	12/16	6/9.3		22/23	12/13	12/15	11/-	14/16	16/-	15.3/16	13/14	26.2/34.2	13/14	17/22	13/-	17/24				14	2015.08.15	
	Ex 3	1	X/Y	11/13	31/-	-/-	6/9.3	11/-	23/-																	7a	2014.09.29
	Ex 3	5	X/Y	11/13	30/31	12/16	9.3/-	10/11	22/23																	7b	2014.09.29
	Ex 4	1	X/Y	11/13	30/-	12/16	6/9.3	11/12	22/23																	7a	2014.09.29
	Ex 4	5	X/Y	11/13	30/31	12/16	6/9.3	11/12	22/23																	7b	2014.09.29
	Ex 5	1	X/Y	11/13	28/31	12/16	6/9.3	11/12	22/23																	8a	2014.12.01
	Ex 5	3	X/Y	11/13	30/31	12/16	6/9.3	11/-	22/23																	8b	2014.12.01
	Ex 6	1	X/Y	11/13	30/31	12/16	6/9.3	11/12	22/23																	8a	2014.12.01
	Ex 6	3	X/Y	11/13	30/31	12/16	6/9.3	11/12	22/23																	8b	2014.12.01
Ex 5	2	Y/-		30/-	-/-	6/-		-/-	-/-	12/15	11/-	-/-	-/-	16/-	-/-	-/-	-/-	-/-	-/-	-/-	24/-			14	2015.08.15		
II/55 10. skeleton (HU 55 Fe)	Ex 7	1	X/Y	11/13	30/31	12/16	6/9.3	11/12	22/23																13a	2015.08.10	
	Ex 7	3	X/Y	11/13	30/31	12/16	6/9.3	11/12	22/23																	13b	2015.08.10
	Ex 7	1	X/Y		30/31	12/16	6/9.3		22/23	12/13	12/15	11/-	14/16	16/16.2	15.3/16	13/14	(26.2)/(34.2)	13/14	17/22	13/-	(17)/-				15a***	2015.08.20	
	Ex 7	3	X/Y		30/31	12/16	6/9.3		22/23	12/13	12/15	11/-	14/16	16/-	15.3/16	13/14	26.2/34.2	13/14	17/22	13/-	21/24				15b***	2015.08.20	
	Ex 7	3	X/Y		30/31	12/16	6/9.3		22/23	12/13	12/15	11/-	14/16	16/-	15.3/16	13/14	26.2/34.2	13/14	17/22	13/-	17/24				16a	2015.08.29	
	Ex 7	5	X/Y		30/31	12/16	6/9.3		22/23	12/13	12/15	11/-	14/16	16/-	15.3/16	13/14	26.2/34.2	13/14	17/22	13/-	17/24				16b	2015.08.29	
	Ex 7	1	X/Y		30/31					12/13			14/16	16/-		13/14				13/-	17/24	9/10	15/16		17a	2015.10.21	
	Ex 7	3	X/Y		30/31					12/13			14/16	16/-		13/14/(17.2)				13/-	17/24	9/10	15/16		17b	2015.10.21	
Fingerprint			X/Y	11/13	30/31	12/16	6/9.3	11/12	22/23	12/13	12/15	11/11	14/16	16/16	15.3/16	13/14	26.2/34.2	13/14	17/22	13/13	17/24	9/10	15/16				

\*\*\* Amplification with the Investigator ESSplex SE QS kit. Partly revealed some additional unspecific products.  
Negative controls for the PCRs revealed no amplification.

## Autosomal STR amplification results for II/109 8. skeleton – Göttingen

Individual (Sample)	Extract no.	µl Ex in PCR	Amelo	D13S317	D21S11	D18S51	TH01	D5S818	FGA	D16S539	D22S1045	D2S441	D3S1358	VWA	D1S1656	D19S433	SE33	D10S1248	D12S391	D8S1179	D2S1338	D7S820	D9S1120	PCR #	Run					
II/109 8. skeleton (HU 109 Co)	Ex 1	1	X/-	9/11	31/33.2	14/15	8/9	11/-	-/-																3a	2014.07.01				
	Ex 1	5	X/-	9/11	-/-	-/-	8/9	11/-	-/-																	3b	2014.07.01			
	Ex 2	1	-/-	-/-	-/-	-/-	-/-	-/-	-/-																	3a	2014.07.01			
	Ex 2	5	X/-	9/-	-/-	-/-	-/-	-/-	-/-																	3b	2014.07.01			
	Ex 1	2	X/Y		32.2/33.2	-/-	8/(9)/(10)		22/-	10/13	15/16	10/11/14	15/-	14/17/19	12/-	-/-	19.2/-	14/15/16	17/23	12/15	-/-					14	2015.08.15			
	Ex 3	1	X/-	9/11	-/-	14/15	8/9	11/-	22/-																		8a	2014.12.01		
	Ex 3	3	X/-	9/11	-/-	14/15	8/9	11/-	22/-																			8b	2014.12.01	
	Ex 4	1	X/-	9/11	31/33.2	14/15	8/9	11/-	22/-																			8a	2014.12.01	
	Ex 4	3	X/-	9/11	31/33.2	14/15	8/9	11/-	22/-																				8b	2014.12.01
Ex 4	2	X/-		-/-	14/-	8/-		-/-	10/13	16/-	11/-	14/15	14/-	11/12/16	-/-	19.2/29.2	14/15	23/-	-/-	-/-						14	2015.08.15			
II/109 8. skeleton (HU 109 Ve)	Ex 5	1	X/Y	9/11	31/-	14/15	8/9	11/-	22/-																		13a	2015.08.10		
	Ex 5	3	X/-	9/11	(28)/31/33.2	14/15/(16)	8/9	11/12	(19)/22																			13b	2015.08.10	
	Ex 5	3	X/-		31/33.2	14/15	8/9		20/22	10/13	15/16	11/14	13/15/18	14/19	12/-	13/-	19.2/29.2	14/15	17/22/23	12/-	-/-							15a***	2015.08.20	
	Ex 5	5	X/-		-/-	14/15	8/9		22/-	10/13	15/16	11/14	15/17/18	19/-	-/-	13/-	19.2/21.2/29.2	14/15	17/23	12/15	19/-							15b***	2015.08.20	
	Ex 5	3	X/-		(27)/(31)	14/-	8/9		22/-	10/13	15/16	11/14	15/17/18	14/-	12/13/16	13/-	19.2/21.2	14/15	17/23	15/-	19/-							16a	2015.08.29	
	Ex 5	5	X/-		28/31	14/15	8/9		22/24	10/13	15/16	11/14	15/17/18	16/19	12/16	13/-	19.2/29.2	14/15	17/23	15/-	18/-							16b	2015.08.29	
	Ex 5	3	X/-		27/(30)/31					10(11)/13			15/18	14/19		13/-				12/15	18/19	8/10	15/-					17a	2015.10.21	
	Ex 5	5	X/-		31/33.2					10/13			14/15/18	14/16/17/19		13/-				12/15	18/19/23	8/10/(12)	15/16					17b	2015.10.21	
	Ex 5	0.5	X/-		-/-					10/13			15/18	14/19		13/15				-/-	18/19	8/10	15/16					18a	2015.11.30	
	Ex 5	1	X/-		28/31					10/13			15/18	14/19		13/14				12/15	18/19/(25)	8/10	15/16					18b	2015.11.30	
	Ex 5	0.5	X/-		33.2/-	-/-	8/9		-/-	10/13	15/-	11/-	-/-	-/-	16/-	-/-	-/-	14/15	-/-	-/-	-/-								19a	2015.11.30
	Ex 5	1	X/-		-/-	14/15	8/9		20/-	10/13	11/14/15	11/14	15/18	-/-	12/13/16	-/-	-/-	14/15	17/-	-/-	-/-								19b	2015.11.30
Fingerprint			X/-	9/11	31/33.2	14/15	8/9	11/-	22/-	10/13	15/16	11/14	15/18	14/19	12/16	13/-	19.2/29.2	14/15	17/23	12/15	18/19	8/10	15/16							

\* In some of the STRs there are additional alleles showing up reproducibly. Uncertain whether stutter artefacts or a minor contamination component.

\*\*\* Amplification with the Investigator ESSplex SE QS kit. Partly revealed some additional unspecific products.

Negative controls for the PCRs revealed no amplification.