



57343—  
2016

-



2018

1 « » -  
 » -  
 « - » -  
 . « - » -  
 ». -

2 134 « »

3 12 2016 . 2009-

4

5 . 2018 .

29 2015 . 162- « 26 ».  
 ) ( 1  
 « », « ».  
 — ( ) «  
 ». ,  
 —

(www.gost.ru)

, . 2017, 2018

, -  
 -

1	.....	1
2	.....	1
	.....	5
	.....	6



Forensic molecular genetic analysis. Terms and definitions

— 2017—04—01

1

- , -  
- , -  
( )

2

- 1 : allele
  - 2 ( ; « »): allelic ladder
  - 3 : amplification
  - 4 : autosome
  - 5 : DNA-database
  - 6 : biologies material
  - 7 ( ): biological community, biocenosis
- \* : , -

8	:		random match probability
9	:	,	- internal size standard
10	:		haplotype
11	:		- genetic identification
12	:	,	- genetical sex determination
13	:	,	genetic feature
14	:		DNA-profile
15	:		genome
16	:		- genotype
17	( ):		- DNA-typing
	( )		-
18	:	,	- heterozygosity
19	:		- nucleic acid hybridization
20	:	,	- homozygosity
21	:		- DNA degradation
22	( ):		differential extraction
23	:	,	- PCR inhibitor
24	:		contamination
25	:		lysis
26	:		locus
27	( ):		metagenom, <i>biogenome</i>
	,		—
28	:	,	- microbial community

29	— ( ; ): mitochondrial genome, mtDNA	
30	: - reference sample	
31	- : - research object	
32	— : - negative DNA extraction control	
33	: - negative control	
34	« » ( ): - real-time PCR	
35	; : - polymerase chain reaction; PCR	
36	: - polymorphism	
37	: - positive amplification control	
38	: - population	
39	: ( ), - primer	
40	: - DNA sequencing	
41	: - match	
42	: - chloroplast DNA	
43	: - allele frequency	

44	:	.	electrophore-gram
45	:	,	electrophoresis
46	:	.	nuclear DNA, nDNA
47	SNP-	:	single nucleotide polymorphism locus, SNP-locus
48	STR-	:	short tandem repeat locus, STR-locus
3	5	.	
	—	STR-	( ).



.....	1
.....	3
.....	4
.....	5
.....	27
.....	7
.....	8
.....	22
.....	10
.....	15
.....	29
.....	16
.....	17
.....	18
.....	19
.....	20
.....	21
.....	29
.....	42
.....	46
.....	11
.....	23
.....	24
.....	37
.....	32
.....	33
«           » .....	2
.....	25
.....	22
.....	26
.....	2
.....	6
.....	27
.....	29
.....	30
.....	31
.....	12
.....	36
.....	38
.....	39
.....	13
.....	14
.....	35
.....	35
.....	34
.....	34
.....	40
.....	41
.....	7
.....	28
.....	9
.....	17
.....	43
.....	44
.....	45
SNP-	47
STR-	48

allele.....	1
allele frequency.....	43
allelic ladder.....	2
amplification.....	3
autosome.....	4
biocenosis.....	1
biogenome.....	27
biological community.....	7
biological material.....	6
chloroplast DNA.....	42
contamination.....	24
differential extraction.....	22
DNA degradation.....	21
DNA sequencing.....	40
DNA-database.....	5
DNA-profile.....	14
DNA-typing.....	17
electrophoregram.....	44
electrophoresis.....	45
genetic feature.....	13
genetic identification.....	11
genetical sex determination.....	12
genome.....	15
genotype.....	16
haplotype.....	10
heterozygosity.....	18
homozygosity.....	20
internal size standard.....	9
locus.....	26
lysis.....	25
match.....	41
metagenom.....	27
microbial community.....	28
mitochondrial genome.....	29
mtDNA.....	29
nDNA.....	46
negative control.....	33
negative DNA extraction control.....	32
nuclear DNA.....	46
nucleic acid hybridization.....	19
PCR.....	35
PCR inhibitor.....	23
polymerase chain reaction.....	35
polymorphism.....	36
population.....	38
positive amplification control.....	37
primer.....	39
random match probability.....	8
real-time PCR.....	34
reference sample.....	30
research object.....	31
short tandem repeat locus.....	48
STR-locus.....	48
single nucleotide polymorphism locus.....	47
SNP-locus.....	47

006.72 006.354

01.040.01

: - , ,

& 29.11.2018.

04.12.2018.

60»84<sup>1</sup>/<sub>8</sub>.

. . . 1.40. .- . . 1.26.

« . . . »

. 117418 .

- . . 31. . 2.

[www.gostinfo.ru](http://www.gostinfo.ru) [info@gostinfo.ru](mailto:info@gostinfo.ru)