

SEQUENCE LISTING

<110> BASF Aktiengesellschaft

<120> Verwendung von natürlichen, rekombinanten und synthetischen Resilinen in der Kosmetik

<130> PF 58538

<160> 3

<170> PatentIn version 3.1

<210> 1

<211> 496

<212> PRT

<213> Artificial

<220>

<221> MISC_FEATURE

<222> (1)..(15)

<223> T7 TAG

<400> 1

Met Ala Ser Met Thr Gly Gly Gln Gln Met Gly Arg Gly Ser Met Gly
1 5 10 15

Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala
20 25 30

Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro
35 40 45

Gly Gly Gly Asn Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly
50 55 60

Gly Gly Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gly
65 70 75 80

Gly Asn Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly
85 90 95

Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gly Gly Asn
100 105 110

Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly Asn Gly
115 120 125

Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly
 130 135 140
 Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg
 145 150 155 160
 Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro
 165 170 175
 Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser
 180 185 190
 Ser Ser Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Asp
 195 200 205
 Thr Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Ser Ser
 210 215 220
 Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Asp Thr Tyr
 225 230 235 240
 Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly
 245 250 255
 Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala
 260 265 270
 Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro
 275 280 285
 Gly Gly Gly Asn Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly
 290 295 300
 Gly Gly Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gly
 305 310 315 320
 Gly Asn Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly
 325 330 335
 Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gly Gly Asn
 340 345 350
 Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly Asn Gly
 355 360 365
 Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly
 370 375 380
 Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg
 385 390 395 400
 Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro
 405 410 415
 Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser
 420 425 430

Ser Ser Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Asp
435 440 445

Thr Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Ser Ser
450 455 460

Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Asp Thr Tyr
465 470 475 480

Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly
485 490 495

<210> 2

<211> 1440

<212> DNA

<213> Artificial

<400> 2

gggtgcgccg	gcggtggcaa	cggtggccgt	ccgtctgaca	cctacggtgc	gccgggtggc	60
ggtaacggtg	gccgtccttc	ttcctcttac	gggtgcgccg	gcggtggcaa	cggtggccgt	120
ccgtctgaca	cctacggtgc	gccgggtggc	ggtaacggtg	gccgtccttc	ttcctcttac	180
gggtgcgccg	gcggtggcaa	cggtggccgt	ccgtctgaca	cctacggtgc	gccgggtggc	240
ggtaacggtg	gccgtccttc	ttcctcttac	gggtgcgccg	gcggtggcaa	cggtggccgt	300
ccgtctgaca	cctacggtgc	gccgggtggc	ggtaacggtg	gccgtccttc	ttcctcttac	360
gggtgcgccg	gcggtggcaa	cggtggccgt	ccgtctgaca	cctacggtgc	gccgggtggc	420
ggtaacggtg	gccgtccttc	ttcctcttac	gggtgcgccg	gcggtggcaa	cggtggccgt	480
ccgtctgaca	cctacggtgc	gccgggtggc	ggtaacggtg	gccgtccttc	ttcctcttac	540
gggtgcgccg	gcggtggcaa	cggtggccgt	ccgtctgaca	cctacggtgc	gccgggtggc	600
ggtaacggtg	gccgtccttc	ttcctcttac	gggtgcgccg	gcggtggcaa	cggtggccgt	660
ccgtctgaca	cctacggtgc	gccgggtggc	ggtaacggtg	gccgtccttc	ttcctcttac	720
gggtgcgccg	gcggtggcaa	cggtggccgt	ccgtctgaca	cctacggtgc	gccgggtggc	780
ggtaacggtg	gccgtccttc	ttcctcttac	gggtgcgccg	gcggtggcaa	cggtggccgt	840
ccgtctgaca	cctacggtgc	gccgggtggc	ggtaacggtg	gccgtccttc	ttcctcttac	900
gggtgcgccg	gcggtggcaa	cggtggccgt	ccgtctgaca	cctacggtgc	gccgggtggc	960
ggtaacggtg	gccgtccttc	ttcctcttac	gggtgcgccg	gcggtggcaa	cggtggccgt	1020
ccgtctgaca	cctacggtgc	gccgggtggc	ggtaacggtg	gccgtccttc	ttcctcttac	1080
gggtgcgccg	gcggtggcaa	cggtggccgt	ccgtctgaca	cctacggtgc	gccgggtggc	1140
ggtaacggtg	gccgtccttc	ttcctcttac	gggtgcgccg	gcggtggcaa	cggtggccgt	1200
ccgtctgaca	cctacggtgc	gccgggtggc	ggtaacggtg	gccgtccttc	ttcctcttac	1260
gggtgcgccg	gcggtggcaa	cggtggccgt	ccgtctgaca	cctacggtgc	gccgggtggc	1320
ggtaacggtg	gccgtccttc	ttcctcttac	gggtgcgccg	gcggtggcaa	cggtggccgt	1380
ccgtctgaca	cctacggtgc	gccgggtggc	ggtaacggtg	gccgtccttc	ttcctcttac	1440

<210> 3
 <211> 575
 <212> PRT
 <213> *Drosophila melanogaster*

<400> 3

Met Phe Lys Leu Leu Gly Leu Thr Leu Leu Met Ala Met Val Val Leu
 1 5 10 15

Gly Arg Pro Glu Pro Pro Val Asn Ser Tyr Leu Pro Pro Ser Asp Ser
 20 25 30

Tyr Gly Ala Pro Gly Gln Ser Gly Pro Gly Gly Arg Pro Ser Asp Ser
 35 40 45

Tyr Gly Ala Pro Gly Gly Gly Asn Gly Gly Arg Pro Ser Asp Ser Tyr
 50 55 60

Gly Ala Pro Gly Gln Gly Gln Gly Gln Gly Gln Gly Gln Gly Tyr
 65 70 75 80

Ala Gly Lys Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly Asn Gly
 85 90 95

Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gly Gly Asn
 100 105 110

Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly Asn Gly
 115 120 125

Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly Gly Asn Gly
 130 135 140

Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gln Gly Gln
 145 150 155 160

Gly Asn Gly Asn Gly Gly Arg Ser Ser Ser Ser Tyr Gly Ala Pro Gly
 165 170 175

Gly Gly Asn Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly
 180 185 190

Gly Asn Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly
 195 200 205

Asn Asn Gly Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro Gly Gly Gly
 210 215 220

Asn Gly Gly Arg Pro Ser Asp Thr Tyr Gly Ala Pro Gly Gly Gly Asn
 225 230 235 240

Gly Asn Gly Ser Gly Gly Arg Pro Ser Ser Ser Tyr Gly Ala Pro Gly
 245 250 255

Gln Gly Gln Gly Gly Phe Gly Gly Arg Pro Ser Asp Ser Tyr Gly Ala

270

Pro Gly Gly Gln Asn Gly Asp Asn Asp Gly Ser Gly Tyr Arg Tyr
565 570 575

