SEQUENCE LISTING

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<120> BIOLOGIC FEMAL CONTRACEPTIVES

<130> HERV7227PC

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<170> PatentIn version 3.5

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Glu Arg Leu
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Ala Gly Tyr Thr Asp Pro Val Thr Gly Lys Thr Thr Met Asn Pro Trp
35 40 45

Thr Pro Ala Lys Gln Gly Leu Arg Ala Val Asn Val Glu Gln Ile Lys
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Gly Tyr Val Ala Lys Val Asp Gly Asn Val Asp Ala Val Val Val Thr
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Pro Asp Ser Ala Asn Met Val Val Thr Ile Thr Tyr Gln Ala Asn Lys
85 90 95

Pro Glu Gly Gln Asn Ile Thr Asn Lys Lys Asp Thr Val Pro Asp Pro
100 105 110

Ala Asp Gly Ile Lys Asn Lys Asp Asp Leu Pro Asp Gly Thr Lys Tyr
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Thr Trp Lys Glu Val Pro Asp Val Asn Ser Val Gly Glu Lys Thr Gly
130 135 140

Ile Val Thr Val Thr Phe Pro Asp Gly Thr Ser Val Asp Val Lys Val
145 150 155 160

Thr Val Tyr Val Asp Pro Val Val Glu Ser Asn Arg Asp Thr Leu Ser
165 170 175

Lys Glu Ala Asn Thr Gly Asn Thr Asn Val Ala Lys Ala Ala Thr Val
180 185 190

Thr Ser Ser Lys Val Glu Ser Lys Lys Thr Leu Pro Gln Thr Gly Ser
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Lys Thr Glu Gln Val Gly Ile Leu Gly Leu Ala Ile Ala Thr Val Gly
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35 40 45

Asp Asp Thr Lys Ser Thr Asp Lys Tyr Asn Asn Ala Ser Asp Asp Thr

50 55 60

Lys Ser Lys Phe Asp Glu Ala Leu Lys Lys Ala Glu Glu Val Lys Asn
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Asn Ser Asn Ala Thr Gln Lys Glu Val Asp Asp Ala Thr Lys Asn Leu
85 90 95

Lys Gln Ala Gln Asn Asp Leu Asp Gly Gln Thr Thr Asn Lys Asp Ala
100 105 110

Ile Asn Asp Ala Ile Lys Asp Ala Asn Asn Ala Lys Gly Thr Asp Lys
115 120 125

Tyr Asn Asn Ala Ser Asp Asp Thr Lys Ser Lys Phe Asp Asp Ala Leu
130 135 140

Lys Lys Ala Glu Asp Val Lys Asn Asp Ser Asn Ala Asn Gln Lys Glu
145 150 155 160

Val Asp Asp Ala Thr Lys Asn Leu Lys Asn Thr Leu Asn Asn Leu Lys
165 170 175

Gly Gln Pro Ala Lys Lys Ala Asn Leu Ile Ala Ser Lys Asp Asn Ala
180 185 190

Lys Ile His Lys Gln Thr Leu Leu Pro Gln Thr Gly Thr Glu Thr Asn
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Trp Val Ser Gly Ile Ser Trp Lys Ser Asp Ser Met Ala Tyr Arg Asp
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Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr
65                  70                  75                  80

Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr
                85                  90                  95

Tyr Cys Ala Arg Asp Gln Glu His Phe Asp Phe Asp Tyr Trp Gly Gln
            100                 105                 110

Gly Thr Leu Val Thr Val Ser Ser Gly Ser Ala Gly Gly Gly Gly Ser
        115                 120                 125

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Asp Ile Val Leu Thr Gln
    130                 135                 140

Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg Val Thr Ile Ser Cys
145                 150                 155                 160

Ser Gly Ser Ser Ser Asn Leu Gly Ser Asn Thr Val Asn Trp Tyr Gln
                165                 170                 175

Gln Leu Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr Asp Asn Asn Gln
            180                 185                 190

Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Thr
        195                 200                 205

Ser Ala Ser Leu Ala Ile Ser Gly Leu Arg Ser Glu Asp Glu Ala Asp
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Tyr Tyr Cys Ala Ala Trp Asp Asp Ser Leu Ser Gly Leu Val Phe Gly
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