SEQUENCE LISTING

<110> ALDER BIOPHARMACEUTICALS, INC.
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Hartner, Franz
Young, Mark

<120> TEMPERATURE SHIFT FOR HIGH YIELD EXPRESSION OF POLYPEPTIDES
IN YEAST AND OTHER TRANSFORMED CELLS

<130> 43257.3013

<141> 2014-03-17

<150> 61/791471
<151> 2013-03-15

<150> 61/790,613
<151> 2013-03-15

<160> 28

<170> PatentIn version 3.5

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<212> DNA
<213> Artificial

<220>
<223> Engineered antibody sequence

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ccagggaagg ggctggagtg ggtcggagtc attggtatta atggtgccac atactacgcg 180

agctgggcga aaggccgatt caccatctcc agagacaatt ccaagaccac ggtgtatctt 240

caaatgaaca gcctgagagc tgaggacact gctgtgtatt tctgtgctag aggggacatc 300

tggggccaag ggaccctcgt caccgtctcg agcgcctcca ccaagggccc atcggtcttc 360

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caggtgtaca ccctgccccc atcccgggag gagatgacca agaaccaggt cagcctgacc 1080

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ccagggaagg ggctggagtg ggtcggcatc atctatggta gtgatgaaac cgcctacgct 180

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caaatgaaca gcctgagagc tgaggacact gctgtgtatt actgtgctag agatgatagt 300

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1350

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gggaaagccc ctaagctcct gatctatagg gcatccactc tggcatctgg ggtcccatca 180

aggttcagcg gcagtggatc tgggacagac ttcactctca ccatcagcag cctgcagcct 240

gatgattttg caacttatta ctgccaacag ggttatagtc tgaggaacat tgataatgct 300

ttcggcggag ggaccaaggt ggaaatcaaa cgtacggtgg ctgcaccatc tgtcttcatc 360

ttcccgccat ctgatgagca gttgaaatct ggaactgcct ctgttgtgtg cctgctgaat 420

aacttctatc ccagagaggc caaagtacag tggaaggtgg ataacgccct ccaatcgggt 480

aactcccagg agagtgtcac agagcaggac agcaaggaca gcacctacag cctcagcagc 540

accctgacgc tgagcaaagc agactacgag aaacacaaag tctacgcctg cgaagtcacc 600

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<220>
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<400> 5

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Leu Gly

<210> 6
<211> 16
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<400> 6

Met Arg Leu Leu Leu Leu Leu Leu Leu Leu Pro Leu Ala Ala Leu Gly
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<210> 7
<211> 19
<212> PRT
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<220>
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<400> 7

Met Leu Leu Gln Ala Phe Leu Phe Leu Leu Ala Gly Phe Ala Ala Lys
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Ile Ser Ala

<210> 8
<211> 35
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<220>
<223> Secretion peptide

<400> 8

Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe Ala Ala Ser Ser
1 5 10
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Ala Leu Ala Ala Pro Val Asn Thr Thr Thr Glu Glu Gly Val Ser Leu
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30

Glu Lys Arg
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<210> 9
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<223> Secretion peptide

<400> 9

Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe Ala Ala Ser Ser
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Ala Leu Ala Ala Pro Val
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<210> 10
<211> 27
<212> PRT
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<220>
<223> Secretion peptide

<400> 10

Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe Ala Ala Ser Ser
1 5 10
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Ala Leu Ala Ala Pro Val Ser Leu Glu Lys Arg
20 25

<210> 11
<211> 41
<212> PRT
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<220>
<223> Secretion peptide

<400> 11

Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe Ala Ala Ser Ser
1 5 10
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Ala Leu Ala Ala Pro Val Asn Thr Thr Thr Glu Glu Gly Val Ser Leu
20 25
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Glu Lys Arg Glu Ala Glu Ala Glu Ala
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<212> PRT
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<400> 12

Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe Ala Ala Ser Ser
1 5 10
15

Ala Leu Ala Ala Pro Val Asn Thr Thr Thr Glu Asp Glu Thr Ala Gln
20 25
30

Ile Pro Ala Glu Ala Val Ile Gly Tyr Ser Asp Leu Glu Gly Asp Phe
35 40
45

Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn Asn Gly Leu Leu
50 55 60

Phe Ile Asn Thr Thr Ile Ala Ser Ile Ala Ala Lys Glu Glu Gly Val
65 70 75
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Ser Leu Glu Lys Arg
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<400> 13

Met Thr Lys Pro Thr Gln Val Leu Val Arg Ser Val Ser Ile Leu Phe
1 5 10
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Phe Ile Thr Leu Leu His Leu Val Val Ala Leu Asn Asp Val Ala Gly
20 25
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Pro Ala Glu Thr Ala Pro Val Ser Leu Leu Pro Arg
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<400> 14

Met Phe Ser Pro Ile Leu Ser Leu Glu Ile Ile Leu Ala Leu Ala Thr
1 5 10
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Leu Gln Ser Val Phe Ala
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<210> 15
<211> 22
<212> PRT
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<400> 15

Met Gln Thr Leu Leu Val Ser Ser Leu Val Val Ser Leu Ala Ala Ala
1 5 10
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Leu Pro His Tyr Ile Arg
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<210> 16
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<220>
<223> Secretion peptide

<400> 16

Met Ile Phe Leu Lys Leu Ile Lys Ser Ile Val Ile Gly Leu Gly Leu
1 5 10
15

Val Ser Ala Ile Gln Ala
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<210> 17
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<400> 17

Met Lys Trp Val Thr Phe Ile Ser Leu Leu Phe Leu Phe Ser Ser Ala
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Tyr Ser Arg Gly Val Phe Arg Arg
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<210> 18
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<212> PRT
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<220>
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<400> 18

Met Lys Trp Val Thr Phe Ile Ser Leu Leu Phe Leu Phe Ser Ser Ala
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15

Tyr Ser

<210> 19
<211> 24
<212> PRT
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<400> 19

Met Ala Leu Trp Met Arg Leu Leu Pro Leu Leu Ala Leu Leu Ala Leu
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Trp Gly Pro Asp Pro Ala Ala Ala
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<210> 20
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Gly Ser Leu Gly Cys Asp Leu Pro
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Cys Leu Leu Trp Pro Gln Glu Pro Gly Ala
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<210> 22
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<220>
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<400> 22

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Trp Met Leu Leu Leu Val Gly Gly Ser Tyr Gly
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<210> 23
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Glu Ala

<210> 24
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<212> PRT
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<220>
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<400> 24

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Gln Gly

<210> 25
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<400> 25

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15

Pro Ser Pro Ser
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<210> 26
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Ser Ser Gly

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<212> PRT
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<400> 27

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15

Ala Met Leu Leu Val Val Val Pro Phe Ala Lys Pro Val Arg Ala
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30

<210> 28
<211> 22
<212> PRT
<213> Artificial

<220>
<223> Secretion peptide

<400> 28

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15

Leu Pro Gly Ala Lys Cys
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