SEQUENCE LISTING

<110> NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
TOKIWA-BIO INC.

<120> A Gene expression system by the use of stealth-type RNA and a gene introduction vector including the same

<130> SJU5167979WO

<150> JP2015-007288
<151> 2015-01-16

<160> 94

<170> PatentIn version 3.5

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<210> 55
<211> 1575
<212> DNA
<213> Artificial Sequence

<220>
<223> codon optimized N gene for expression in E.Coli

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ggcccgtctg tcaccgatga tgccgataag ctgttcattg ccaccacctt tctggcccac 180

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attggtggca tctaa 1575

<210> 56
<211> 423
<212> DNA
<213> Artificial Sequence

<220>
<223> Blastcidin S resistance gene

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gggatgtgca gagagctgat ttccgattac gcccctgact gcttcgtgct gatcgagatg 360

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tga 423

<210> 57
<211> 5
<212> RNA
<213> Artificial Sequence

<220>
<223> Kozak sequence

<400> 57
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<210> 58

<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> 5' non-coding sequence #1

<400> 58
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<210> 59
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> 5' non-coding sequence #2

<400> 59
caccatggcc caggcttcat a 21

<210> 60
<211> 1440
<212> DNA
<213> Artificial Sequence

<220>
<223> codon optimized human KLF4 gene

<400> 60
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<210> 61
<211> 1083
<212> DNA
<213> Artificial Sequence

<220>
<223> codon optimized human OCT4 gene

<400> 61
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ccccctggcg ggccaggaat cggccctggc gtgggacctg gctccgaggt ctgggggatt 180

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tga 1083

<210> 62
<211> 954
<212> DNA
<213> Artificial Sequence

<220>
<223> codon optimized human SOX gene

<400> 62
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gggggggaa actcaacagc agcagcagcc ggcgggaacc agaagaatag tccagacaga 120

gtgaaaaggc ccatgaacgc attcatggtc tggtcccgag gccagcggag aaagatggcc 180

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cacatgaagg agcatcctga ttacaaatat cgcccaaggc gcaagaccaa aacactgatg 360

aagaaagaca agtacaccct gcccggagga ctgctggctc ctgggggaaa cagcatggca 420

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<220>
<223> codon optimized human c-Myc gene

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tctgcaaact atgcagagat gacattcaat gtatgcggcc tgatcctttc tgccgagaaa 1140

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<212> DNA
<213> Artificial Sequence

<220>
<223> Human LIN28 cDNA

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aactgtggag gtctagatca tcatgccaag gaatgcaagc tgccacccca gcccaagaag 480

tgccacttct gccagagcat cagccatatg gtagcctcat gtccgctgaa ggcccagcag 540

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<210> 89
<211> 1800
<212> DNA

<213> Artificial Sequence

<220>
<223> Human IgM 9F11 heavy chain cDNA

<400> 89
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cagttctccc tgcagctgaa ttctgtcacc ccagaagaca cagcagtgta ctattgtgcc 360

agggagaact actatggatc cggccgctac aattggttcg atccttgggg gcagggaaca 420

ctggtgactg tctctagtgg aagcgcatcc gccccaaccc tgtttccccct ggtgagctgc 480

gaaaactctc ccagtgacac atcaagcgtg gctgtcggct gtctggcaca ggacttcctg 540

cctgattcaa tcacttttag ctggaagtac aaaaacaatt cagacatcag cagcaccaga 600

ggctttccat ctgtgctgag aggcgggaaa tatgccgcta caagccaggt cctgctgccc 660

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ggcaataagg agaagaacgt cccactgccc gtgatcgctg agctgccacc taaggtgtcc 780

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ccctcacgat tctcaggcag cgggtccgga accgacttta ctctgaccat ttcctctctg 300

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ccccctagtg acgaacagct gaaaagcggc acagcttccg tggtctgtct gctgaacaat 480

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<210> 91
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<213> Artificial Sequence

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<223> Human IgG HC1 heavy chain cDNA

<400> 91
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tgtgataaaa cacatacttg ccccccttgt cctgcaccag aactgctggg gggaccctcc 780

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gacggcgtcg aagtgcataa tgctaagaca aaacccaggg aggaacagta caacagcacc 960

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<220>
<223> Human IgG LC1 light chain cDNA

<400> 92
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<213> Artificial Sequence

<220>
<223> Human IgG HC2 heavy chain cDNA

<400> 93
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<220>
<223> Human IgG LC2 light chain cDNA

<400> 94
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