

## CATALOG HYBSELECT BIOCHIPS

| Catalog no. | Name                      |                     | No. of samples | Source |
|-------------|---------------------------|---------------------|----------------|--------|
| P8000       | Geniom Biochips HybSelect | Sanger Cancer Gene  | 2              | NCBI   |
| P8001       | Geniom Biochips HybSelect | Breast Cancer Genes | 8              | NCBI   |

## CATALOG GENIOM® BIOCHIPS miRNA MPEA

| Catalog no. | Name                 |                                   | No. of samples | Source       |
|-------------|----------------------|-----------------------------------|----------------|--------------|
| P3149m      | Geniom Biochip miRNA | <i>Arabidopsis thaliana</i>       | 8              | miRBase 13.0 |
| P3150m      | Geniom Biochip miRNA | <i>Caenorhabditis elegans</i>     | 8              | miRBase 13.0 |
| P3151m      | Geniom Biochip miRNA | <i>Canis familiaris</i>           | 8              | miRBase 13.0 |
| P3152m      | Geniom Biochip miRNA | <i>Ciona intestinalis</i>         | 8              | miRBase 13.0 |
| P3153m      | Geniom Biochip miRNA | <i>Chlamydomonas reinhardtii</i>  | 8              | miRBase 13.0 |
| P3154m      | Geniom Biochip miRNA | <i>Danio rerio</i>                | 8              | miRBase 13.0 |
| P3155m      | Geniom Biochip miRNA | <i>Dictyostelium discoideum</i>   | 8              | miRBase 13.0 |
| P3156m      | Geniom Biochip miRNA | <i>Drosophila melanogaster</i>    | 8              | miRBase 13.0 |
| P3157m      | Geniom Biochip miRNA | <i>Gallus gallus</i>              | 8              | miRBase 13.0 |
| P3158m      | Geniom Biochip miRNA | <i>Homo sapiens</i>               | 8              | miRBase 13.0 |
| P3159m      | Geniom Biochip miRNA | <i>Medicago truncatula</i>        | 8              | miRBase 13.0 |
| P3160m      | Geniom Biochip miRNA | <i>Mus musculus</i>               | 8              | miRBase 13.0 |
| P3161m      | Geniom Biochip miRNA | <i>Oryza sativa</i>               | 8              | miRBase 13.0 |
| P3162m      | Geniom Biochip miRNA | <i>Physcomitrella patens</i>      | 8              | miRBase 13.0 |
| P3163m      | Geniom Biochip miRNA | <i>Populus trichocarpa</i>        | 8              | miRBase 13.0 |
| P3164m      | Geniom Biochip miRNA | <i>Rattus norvegicus</i>          | 8              | miRBase 13.0 |
| P3165m      | Geniom Biochip miRNA | <i>Selaginella moellendorffii</i> | 8              | miRBase 13.0 |
| P3166m      | Geniom Biochip miRNA | <i>Tribolium castaneum</i>        | 8              | miRBase 13.0 |
| P3167m      | Geniom Biochip miRNA | <i>Xenopus laevis</i>             | 8              | miRBase 13.0 |
| P3168m      | Geniom Biochip miRNA | <i>Zea mays</i>                   | 8              | miRBase 13.0 |

## CATALOG GENIOM® BIOCHIPS mRNA (WHOLE GENOME EXPRESSION) PROKARYOTES

| Catalog no. | Name                |  | No. of samples | Source |
|-------------|---------------------|--|----------------|--------|
| P5042       | Geniom Biochip mRNA | <i>Acaryochloris marina</i> MBIC11017            | 8              | NCBI   |
| P5043       | Geniom Biochip mRNA | <i>Acholeplasma laidlawii</i> PG 8A              | 8              | NCBI   |
| P5044       | Geniom Biochip mRNA | <i>Acidiphilium cryptum</i> JF-5                 | 8              | NCBI   |
| P5045       | Geniom Biochip mRNA | <i>Acidithiobacillus ferrooxidans</i> ATCC 53993 | 8              | NCBI   |
| P5046       | Geniom Biochip mRNA | <i>Acidobacteria bacterium</i> Ellin345          | 8              | NCBI   |

| <b>Catalog no.</b> | <b>Name</b>   | <b>No. of samples</b> | <b>Source</b> |
|--------------------|---|-----------------------|---------------|
| P5047              | Geniom Biochip mRNA <i>Acidothermus cellulolyticus</i> 11B                | 8                     | NCBI          |
| P5048              | Geniom Biochip mRNA <i>Acidovorax avenae citrulli</i> AAC00-1             | 8                     | NCBI          |
| P5049              | Geniom Biochip mRNA <i>Acidovorax</i> JS42                                | 8                     | NCBI          |
| P5050              | Geniom Biochip mRNA <i>Acinetobacter baumannii</i> ACICU                  | 8                     | NCBI          |
| P5051              | Geniom Biochip mRNA <i>Acinetobacter baumannii</i> ATCC 17978             | 8                     | NCBI          |
| P5052              | Geniom Biochip mRNA <i>Acinetobacter baumannii</i> AYE                    | 8                     | NCBI          |
| P5053              | Geniom Biochip mRNA <i>Acinetobacter baumannii</i> SDF                    | 8                     | NCBI          |
| P5054              | Geniom Biochip mRNA <i>Acinetobacter</i> sp ADP1                          | 8                     | NCBI          |
| P5055              | Geniom Biochip mRNA <i>Actinobacillus pleuropneumoniae</i> L20            | 8                     | NCBI          |
| P5056              | Geniom Biochip mRNA <i>Actinobacillus pleuropneumoniae</i> serovar 3 JL03 | 8                     | NCBI          |
| P5057              | Geniom Biochip mRNA <i>Actinobacillus pleuropneumoniae</i> serovar 7 AP76 | 8                     | NCBI          |
| P5058              | Geniom Biochip mRNA <i>Actinobacillus succinogenes</i> 130Z               | 8                     | NCBI          |
| P5059              | Geniom Biochip mRNA <i>Aeromonas hydrophila</i> ATCC 7966                 | 8                     | NCBI          |
| P5060              | Geniom Biochip mRNA <i>Aeromonas salmonicida</i> A449                     | 8                     | NCBI          |
| P5061              | Geniom Biochip mRNA <i>Aeropyrum pernix</i>                               | 8                     | NCBI          |
| P5062              | Geniom Biochip mRNA <i>Agrobacterium tumefaciens</i> C58 Cereon           | 8                     | NCBI          |
| P5063              | Geniom Biochip mRNA <i>Akkermansia muciniphila</i> ATCC BAA 835           | 8                     | NCBI          |
| P5064              | Geniom Biochip mRNA <i>Alcanivorax borkumensis</i> SK2                    | 8                     | NCBI          |
| P5065              | Geniom Biochip mRNA <i>Aliivibrio salmonicida</i> LFI1238                 | 8                     | NCBI          |
| P5066              | Geniom Biochip mRNA <i>Alkalilimnicola ehrlichei</i> MLHE-1               | 8                     | NCBI          |
| P5067              | Geniom Biochip mRNA <i>Alkaliphilus metalliredigens</i> QYMF              | 8                     | NCBI          |
| P5068              | Geniom Biochip mRNA <i>Alkaliphilus oremlandii</i> OhILAs                 | 8                     | NCBI          |
| P5069              | Geniom Biochip mRNA <i>Alteromonas macleodii</i> Deep ecotype             | 8                     | NCBI          |
| P5070              | Geniom Biochip mRNA <i>Anabaena variabilis</i> ATCC 29413                 | 8                     | NCBI          |
| P5071              | Geniom Biochip mRNA <i>Anaeromyxobacter dehalogenans</i> ZCP-C            | 8                     | NCBI          |
| P5072              | Geniom Biochip mRNA <i>Anaeromyxobacter</i> Fw109-5                       | 8                     | NCBI          |
| P5073              | Geniom Biochip mRNA <i>Anaeromyxobacter</i> K                             | 8                     | NCBI          |
| P5074              | Geniom Biochip mRNA <i>Anaplasma marginale</i> St Maries                  | 8                     | NCBI          |
| P5075              | Geniom Biochip mRNA <i>Anaplasma phagocytophilum</i> HZ                   | 8                     | NCBI          |
| P5076              | Geniom Biochip mRNA <i>Anoxybacillus flavithermus</i> WK1                 | 8                     | NCBI          |
| P5077              | Geniom Biochip mRNA <i>Aquifex aeolicus</i>                               | 8                     | NCBI          |
| P5078              | Geniom Biochip mRNA <i>Archaeoglobus fulgidus</i>                         | 8                     | NCBI          |
| P5079              | Geniom Biochip mRNA <i>Arcobacter butzleri</i> RM4018                     | 8                     | NCBI          |
| P5080              | Geniom Biochip mRNA <i>Arthrobacter aurescens</i> TC1                     | 8                     | NCBI          |
| P5081              | Geniom Biochip mRNA <i>Arthrobacter</i> FB24                              | 8                     | NCBI          |
| P5082              | Geniom Biochip mRNA Aster yellows witches-broom phytoplasma AYWB          | 8                     | NCBI          |
| P5083              | Geniom Biochip mRNA <i>Azoarcus</i> BH72                                  | 8                     | NCBI          |

| <b>Catalog no.</b> | <b>Name</b>   | <b>No. of samples</b> | <b>Source</b> |
|--------------------|---|-----------------------|---------------|
| P5084              | Geniom Biochip mRNA Azoarcus sp Ebn1                                | 8                     | NCBI          |
| P5085              | Geniom Biochip mRNA Azorhizobium caulinodans ORS 571                | 8                     | NCBI          |
| P5086              | Geniom Biochip mRNA Bacillus amyloliquefaciens FZB42                | 8                     | NCBI          |
| P5087              | Geniom Biochip mRNA Bacillus anthracis Ames                         | 8                     | NCBI          |
| P5088              | Geniom Biochip mRNA Bacillus anthracis Ames 0581                    | 8                     | NCBI          |
| P5089              | Geniom Biochip mRNA Bacillus anthracis str Sterne                   | 8                     | NCBI          |
| P5090              | Geniom Biochip mRNA Bacillus cereus ATCC 10987                      | 8                     | NCBI          |
| P5091              | Geniom Biochip mRNA Bacillus cereus ATCC14579                       | 8                     | NCBI          |
| P5092              | Geniom Biochip mRNA Bacillus cereus cytotoxis NVH 391-98            | 8                     | NCBI          |
| P5093              | Geniom Biochip mRNA Bacillus cereus ZK                              | 8                     | NCBI          |
| P5094              | Geniom Biochip mRNA Bacillus clausii KSM-K16                        | 8                     | NCBI          |
| P5095              | Geniom Biochip mRNA Bacillus halodurans                             | 8                     | NCBI          |
| P5096              | Geniom Biochip mRNA Bacillus licheniformis ATCC 14580               | 8                     | NCBI          |
| P5097              | Geniom Biochip mRNA Bacillus licheniformis DSM 13                   | 8                     | NCBI          |
| P5098              | Geniom Biochip mRNA Bacillus pumilus SAFR-032                       | 8                     | NCBI          |
| P5099              | Geniom Biochip mRNA Bacillus subtilis                               | 8                     | NCBI          |
| P5100              | Geniom Biochip mRNA Bacillus thuringiensis Al Hakam                 | 8                     | NCBI          |
| P5101              | Geniom Biochip mRNA Bacillus thuringiensis konkukian                | 8                     | NCBI          |
| P5102              | Geniom Biochip mRNA Bacillus weihenstephanensis KBAB4               | 8                     | NCBI          |
| P5103              | Geniom Biochip mRNA Bacteroides fragilis NCTC 9434                  | 8                     | NCBI          |
| P5104              | Geniom Biochip mRNA Bacteroides fragilis YCH46                      | 8                     | NCBI          |
| P5105              | Geniom Biochip mRNA Bacteroides thetaiotaomicron VPI-5482           | 8                     | NCBI          |
| P5106              | Geniom Biochip mRNA Bacteroides vulgatus ATCC 8482                  | 8                     | NCBI          |
| P5107              | Geniom Biochip mRNA Bartonella bacilliformis KC583                  | 8                     | NCBI          |
| P5108              | Geniom Biochip mRNA Bartonella henselae Houston-1                   | 8                     | NCBI          |
| P5109              | Geniom Biochip mRNA Bartonella quintana Toulouse                    | 8                     | NCBI          |
| P5110              | Geniom Biochip mRNA Bartonella tribocorum CIP 105476                | 8                     | NCBI          |
| P5111              | Geniom Biochip mRNA Baumannia cicadellinicola Homalodisca coagulata | 8                     | NCBI          |
| P5112              | Geniom Biochip mRNA Bdellovibrio bacteriovorus                      | 8                     | NCBI          |
| P5113              | Geniom Biochip mRNA Beijerinckia indica ATCC 9039                   | 8                     | NCBI          |
| P5114              | Geniom Biochip mRNA Bifidobacterium adolescentis ATCC 15703         | 8                     | NCBI          |
| P5115              | Geniom Biochip mRNA Bifidobacterium longum                          | 8                     | NCBI          |
| P5116              | Geniom Biochip mRNA Bifidobacterium longum DJO10A                   | 8                     | NCBI          |
| P5117              | Geniom Biochip mRNA Bordetella avium 197N                           | 8                     | NCBI          |
| P5118              | Geniom Biochip mRNA Bordetella bronchiseptica                       | 8                     | NCBI          |
| P5119              | Geniom Biochip mRNA Bordetella parapertussis                        | 8                     | NCBI          |
| P5120              | Geniom Biochip mRNA Bordetella pertussis                            | 8                     | NCBI          |

| <b>Catalog no.</b> | <b>Name</b>   | <b>No. of samples</b> | <b>Source</b> |
|--------------------|---|-----------------------|---------------|
| P5121              | Geniom Biochip mRNA <i>Bordetella petrii</i>                          | 8                     | NCBI          |
| P5122              | Geniom Biochip mRNA <i>Borrelia afzelii</i> PKo                       | 8                     | NCBI          |
| P5123              | Geniom Biochip mRNA <i>Borrelia burgdorferi</i>                       | 8                     | NCBI          |
| P5124              | Geniom Biochip mRNA <i>Borrelia duttonii</i> Ly                       | 8                     | NCBI          |
| P5125              | Geniom Biochip mRNA <i>Borrelia garinii</i> PBi                       | 8                     | NCBI          |
| P5126              | Geniom Biochip mRNA <i>Borrelia hermsii</i> DAH                       | 8                     | NCBI          |
| P5127              | Geniom Biochip mRNA <i>Borrelia recurrentis</i> A1                    | 8                     | NCBI          |
| P5128              | Geniom Biochip mRNA <i>Borrelia turicatae</i> 91E135                  | 8                     | NCBI          |
| P5129              | Geniom Biochip mRNA <i>Bradyrhizobium</i> BTAi1                       | 8                     | NCBI          |
| P5130              | Geniom Biochip mRNA <i>Bradyrhizobium japonicum</i>                   | 8                     | NCBI          |
| P5131              | Geniom Biochip mRNA <i>Bradyrhizobium</i> ORS278                      | 8                     | NCBI          |
| P5132              | Geniom Biochip mRNA <i>Brucella abortus</i> 9-941                     | 8                     | NCBI          |
| P5133              | Geniom Biochip mRNA <i>Brucella abortus</i> S19                       | 8                     | NCBI          |
| P5134              | Geniom Biochip mRNA <i>Brucella canis</i> ATCC 23365                  | 8                     | NCBI          |
| P5135              | Geniom Biochip mRNA <i>Brucella melitensis</i>                        | 8                     | NCBI          |
| P5136              | Geniom Biochip mRNA <i>Brucella melitensis</i> biovar Abortus         | 8                     | NCBI          |
| P5137              | Geniom Biochip mRNA <i>Brucella ovis</i>                              | 8                     | NCBI          |
| P5138              | Geniom Biochip mRNA <i>Brucella suis</i> 1330                         | 8                     | NCBI          |
| P5139              | Geniom Biochip mRNA <i>Brucella suis</i> ATCC 23445                   | 8                     | NCBI          |
| P5140              | Geniom Biochip mRNA <i>Buchnera aphidicola</i>                        | 8                     | NCBI          |
| P5141              | Geniom Biochip mRNA <i>Buchnera aphidicola</i> Cc <i>Cinara cedri</i> | 8                     | NCBI          |
| P5142              | Geniom Biochip mRNA <i>Buchnera aphidicola</i> Sg                     | 8                     | NCBI          |
| P5143              | Geniom Biochip mRNA <i>Buchnera</i> sp                                | 8                     | NCBI          |
| P5144              | Geniom Biochip mRNA <i>Burkholderia</i> 383                           | 8                     | NCBI          |
| P5145              | Geniom Biochip mRNA <i>Burkholderia ambifaria</i> MC40 6              | 8                     | NCBI          |
| P5146              | Geniom Biochip mRNA <i>Burkholderia cenocepacia</i> AU 1054           | 8                     | NCBI          |
| P5147              | Geniom Biochip mRNA <i>Burkholderia cenocepacia</i> HI2424            | 8                     | NCBI          |
| P5148              | Geniom Biochip mRNA <i>Burkholderia cenocepacia</i> J2315             | 8                     | NCBI          |
| P5149              | Geniom Biochip mRNA <i>Burkholderia cenocepacia</i> MCO 3             | 8                     | NCBI          |
| P5150              | Geniom Biochip mRNA <i>Burkholderia cepacia</i> AMMD                  | 8                     | NCBI          |
| P5151              | Geniom Biochip mRNA <i>Burkholderia mallei</i> ATCC 23344             | 8                     | NCBI          |
| P5152              | Geniom Biochip mRNA <i>Burkholderia mallei</i> NCTC 10229             | 8                     | NCBI          |
| P5153              | Geniom Biochip mRNA <i>Burkholderia mallei</i> NCTC 10247             | 8                     | NCBI          |
| P5154              | Geniom Biochip mRNA <i>Burkholderia mallei</i> SAVP1                  | 8                     | NCBI          |
| P5155              | Geniom Biochip mRNA <i>Burkholderia multivorans</i> ATCC 17616 JGI    | 8                     | NCBI          |
| P5156              | Geniom Biochip mRNA <i>Burkholderia multivorans</i> ATCC 17616 Tohoku | 8                     | NCBI          |
| P5157              | Geniom Biochip mRNA <i>Burkholderia phymatum</i> STM815               | 8                     | NCBI          |

| <b>Catalog no.</b> | <b>Name</b>  | <b>No. of samples</b> | <b>Source</b> |
|--------------------|--|-----------------------|---------------|
| P5158              | Geniom Biochip mRNA Burkholderia phytofirmans PsJN                               | 8                     | NCBI          |
| P5159              | Geniom Biochip mRNA Burkholderia pseudomallei 1106a                              | 8                     | NCBI          |
| P5160              | Geniom Biochip mRNA Burkholderia pseudomallei 1710b                              | 8                     | NCBI          |
| P5161              | Geniom Biochip mRNA Burkholderia pseudomallei 668                                | 8                     | NCBI          |
| P5162              | Geniom Biochip mRNA Burkholderia pseudomallei K96243                             | 8                     | NCBI          |
| P5163              | Geniom Biochip mRNA Burkholderia thailandensis E264                              | 8                     | NCBI          |
| P5164              | Geniom Biochip mRNA Burkholderia vietnamiensis G4                                | 8                     | NCBI          |
| P5165              | Geniom Biochip mRNA Burkholderia xenovorans LB400                                | 8                     | NCBI          |
| P5166              | Geniom Biochip mRNA Caldicellulosiruptor saccharolyticus DSM 8903                | 8                     | NCBI          |
| P5167              | Geniom Biochip mRNA Caldivirga maquilingensis IC-167                             | 8                     | NCBI          |
| P5168              | Geniom Biochip mRNA Campylobacter concisus 13826                                 | 8                     | NCBI          |
| P5169              | Geniom Biochip mRNA Campylobacter curvus 525 92                                  | 8                     | NCBI          |
| P5170              | Geniom Biochip mRNA Campylobacter fetus 82-40                                    | 8                     | NCBI          |
| P5171              | Geniom Biochip mRNA Campylobacter hominis ATCC BAA-381                           | 8                     | NCBI          |
| P5172              | Geniom Biochip mRNA Campylobacter jejuni   | 8                     | NCBI          |
| P5173              | Geniom Biochip mRNA Campylobacter jejuni 81-176                                  | 8                     | NCBI          |
| P5174              | Geniom Biochip mRNA Campylobacter jejuni 81116                                   | 8                     | NCBI          |
| P5175              | Geniom Biochip mRNA Campylobacter jejuni doylei 269 97                           | 8                     | NCBI          |
| P5176              | Geniom Biochip mRNA Campylobacter jejuni RM1221                                  | 8                     | NCBI          |
| P5177              | Geniom Biochip mRNA Candidatus Amoebophilus asiaticus 5a2                        | 8                     | NCBI          |
| P5178              | Geniom Biochip mRNA Candidatus Azobacteroides pseudotrichonymphae genomovar CFP2 | 8                     | NCBI          |
| P5179              | Geniom Biochip mRNA Candidatus Blochmannia floridanus                            | 8                     | NCBI          |
| P5180              | Geniom Biochip mRNA Candidatus Blochmannia pennsylvanicus BPEN                   | 8                     | NCBI          |
| P5181              | Geniom Biochip mRNA Candidatus Carsonella ruddii PV                              | 8                     | NCBI          |
| P5182              | Geniom Biochip mRNA Candidatus Desulfococcus oleovorans Hxd3                     | 8                     | NCBI          |
| P5183              | Geniom Biochip mRNA Candidatus Desulforudis audaxviator MP104C                   | 8                     | NCBI          |
| P5184              | Geniom Biochip mRNA Candidatus Korarchaeum cryptofilum OPF8                      | 8                     | NCBI          |
| P5185              | Geniom Biochip mRNA Candidatus Methanoregula boonei 6A8                          | 8                     | NCBI          |
| P5186              | Geniom Biochip mRNA Candidatus Pelagibacter ubique HTCC1062                      | 8                     | NCBI          |
| P5187              | Geniom Biochip mRNA Candidatus Phytoplasma australiense                          | 8                     | NCBI          |
| P5188              | Geniom Biochip mRNA Candidatus Phytoplasma mali                                  | 8                     | NCBI          |
| P5189              | Geniom Biochip mRNA Candidatus Ruthia magnifica Cm Calyptogena magnifica         | 8                     | NCBI          |
| P5190              | Geniom Biochip mRNA Candidatus Sulcia muelleri GWSS                              | 8                     | NCBI          |
| P5191              | Geniom Biochip mRNA Candidatus Vesicomysocius okutanii HA                        | 8                     | NCBI          |
| P5192              | Geniom Biochip mRNA Carboxydotherrmus hydrogenoformans Z-2901                    | 8                     | NCBI          |
| P5193              | Geniom Biochip mRNA Caulobacter crescentus                                       | 8                     | NCBI          |

| <b>Catalog no.</b> | <b>Name</b>  | <b>No. of samples</b> | <b>Source</b> |
|--------------------|--|-----------------------|---------------|
| P5194              | Geniom Biochip mRNA <i>Caulobacter</i> K31                           | 8                     | NCBI          |
| P5195              | Geniom Biochip mRNA <i>Cellvibrio japonicus</i> Ueda107              | 8                     | NCBI          |
| P5196              | Geniom Biochip mRNA <i>Chlamydia muridarum</i>                       | 8                     | NCBI          |
| P5197              | Geniom Biochip mRNA <i>Chlamydia trachomatis</i>                     | 8                     | NCBI          |
| P5198              | Geniom Biochip mRNA <i>Chlamydia trachomatis</i> 434 Bu              | 8                     | NCBI          |
| P5199              | Geniom Biochip mRNA <i>Chlamydia trachomatis</i> A HAR-13            | 8                     | NCBI          |
| P5200              | Geniom Biochip mRNA <i>Chlamydia trachomatis</i> L2b UCH 1 proctitis | 8                     | NCBI          |
| P5201              | Geniom Biochip mRNA <i>Chlamydophila abortus</i> S26 3               | 8                     | NCBI          |
| P5202              | Geniom Biochip mRNA <i>Chlamydophila caviae</i>                      | 8                     | NCBI          |
| P5203              | Geniom Biochip mRNA <i>Chlamydophila felis</i> Fe C-56               | 8                     | NCBI          |
| P5204              | Geniom Biochip mRNA <i>Chlamydophila pneumoniae</i> AR39             | 8                     | NCBI          |
| P5205              | Geniom Biochip mRNA <i>Chlamydophila pneumoniae</i> CWL029           | 8                     | NCBI          |
| P5206              | Geniom Biochip mRNA <i>Chlamydophila pneumoniae</i> J138             | 8                     | NCBI          |
| P5207              | Geniom Biochip mRNA <i>Chlamydophila pneumoniae</i> TW 183           | 8                     | NCBI          |
| P5208              | Geniom Biochip mRNA <i>Chlorobaculum parvum</i> NCIB 8327            | 8                     | NCBI          |
| P5209              | Geniom Biochip mRNA <i>Chlorobium chlorochromatii</i> CaD3           | 8                     | NCBI          |
| P5210              | Geniom Biochip mRNA <i>Chlorobium limicola</i> DSM 245               | 8                     | NCBI          |
| P5211              | Geniom Biochip mRNA <i>Chlorobium phaeobacteroides</i> BS1           | 8                     | NCBI          |
| P5212              | Geniom Biochip mRNA <i>Chlorobium phaeobacteroides</i> DSM 266       | 8                     | NCBI          |
| P5213              | Geniom Biochip mRNA <i>Chlorobium tepidum</i> TLS                    | 8                     | NCBI          |
| P5214              | Geniom Biochip mRNA <i>Chloroflexus aurantiacus</i> J 10 fl          | 8                     | NCBI          |
| P5215              | Geniom Biochip mRNA <i>Chloroherpeton thalassium</i> ATCC 35110      | 8                     | NCBI          |
| P5216              | Geniom Biochip mRNA <i>Chromobacterium violaceum</i>                 | 8                     | NCBI          |
| P5217              | Geniom Biochip mRNA <i>Chromohalobacter salexigens</i> DSM 3043      | 8                     | NCBI          |
| P5218              | Geniom Biochip mRNA <i>Citrobacter koseri</i> ATCC BAA-895           | 8                     | NCBI          |
| P5219              | Geniom Biochip mRNA <i>Clavibacter michiganensis</i> NCPPB 382       | 8                     | NCBI          |
| P5220              | Geniom Biochip mRNA <i>Clavibacter michiganensis</i> sepedonicus     | 8                     | NCBI          |
| P5221              | Geniom Biochip mRNA <i>Clostridium acetobutylicum</i>                | 8                     | NCBI          |
| P5222              | Geniom Biochip mRNA <i>Clostridium beijerinckii</i> NCIMB 8052       | 8                     | NCBI          |
| P5223              | Geniom Biochip mRNA <i>Clostridium botulinum</i> A                   | 8                     | NCBI          |
| P5224              | Geniom Biochip mRNA <i>Clostridium botulinum</i> A ATCC 19397        | 8                     | NCBI          |
| P5225              | Geniom Biochip mRNA <i>Clostridium botulinum</i> A Hall              | 8                     | NCBI          |
| P5226              | Geniom Biochip mRNA <i>Clostridium botulinum</i> A3 Loch Maree       | 8                     | NCBI          |
| P5227              | Geniom Biochip mRNA <i>Clostridium botulinum</i> B Eklund 17B        | 8                     | NCBI          |
| P5228              | Geniom Biochip mRNA <i>Clostridium botulinum</i> B1 Okra             | 8                     | NCBI          |
| P5229              | Geniom Biochip mRNA <i>Clostridium botulinum</i> E3 Alaska E43       | 8                     | NCBI          |
| P5230              | Geniom Biochip mRNA <i>Clostridium botulinum</i> F Langeland         | 8                     | NCBI          |

| Catalog no. | Name  | No. of samples | Source |
|-------------|---|----------------|--------|
| P5231       | Geniom Biochip mRNA Clostridium difficile 630                       | 8              | NCBI   |
| P5232       | Geniom Biochip mRNA Clostridium kluveri DSM 555                     | 8              | NCBI   |
| P5233       | Geniom Biochip mRNA Clostridium novyi NT                            | 8              | NCBI   |
| P5234       | Geniom Biochip mRNA Clostridium perfringens                         | 8              | NCBI   |
| P5235       | Geniom Biochip mRNA Clostridium perfringens ATCC 13124              | 8              | NCBI   |
| P5236       | Geniom Biochip mRNA Clostridium perfringens SM101                   | 8              | NCBI   |
| P5237       | Geniom Biochip mRNA Clostridium phytofermentans ISDg                | 8              | NCBI   |
| P5238       | Geniom Biochip mRNA Clostridium tetani E88                          | 8              | NCBI   |
| P5239       | Geniom Biochip mRNA Clostridium thermocellum ATCC 27405             | 8              | NCBI   |
| P5240       | Geniom Biochip mRNA Colwellia psychrerythraea 34H                   | 8              | NCBI   |
| P5241       | Geniom Biochip mRNA Coprothermobacter proteolyticus DSM 5265        | 8              | NCBI   |
| P5242       | Geniom Biochip mRNA Corynebacterium diphtheriae                     | 8              | NCBI   |
| P5243       | Geniom Biochip mRNA Corynebacterium efficiens YS-314                | 8              | NCBI   |
| P5244       | Geniom Biochip mRNA Corynebacterium glutamicum ATCC 13032 Bielefeld | 8              | NCBI   |
| P5245       | Geniom Biochip mRNA Corynebacterium glutamicum ATCC 13032 Kitasato  | 8              | NCBI   |
| P5246       | Geniom Biochip mRNA Corynebacterium glutamicum R                    | 8              | NCBI   |
| P5247       | Geniom Biochip mRNA Corynebacterium jeikeium K411                   | 8              | NCBI   |
| P5248       | Geniom Biochip mRNA Corynebacterium urealyticum DSM 7109            | 8              | NCBI   |
| P5249       | Geniom Biochip mRNA Coxiella burnetii                               | 8              | NCBI   |
| P5250       | Geniom Biochip mRNA Coxiella burnetii CbuG Q212                     | 8              | NCBI   |
| P5251       | Geniom Biochip mRNA Coxiella burnetii CbuK Q154                     | 8              | NCBI   |
| P5252       | Geniom Biochip mRNA Coxiella burnetii Dugway 7E9-12                 | 8              | NCBI   |
| P5253       | Geniom Biochip mRNA Coxiella burnetii RSA 331                       | 8              | NCBI   |
| P5254       | Geniom Biochip mRNA Cupriavidus taiwanensis                         | 8              | NCBI   |
| P5255       | Geniom Biochip mRNA Cyanobacteria bacterium Yellowstone A-Prime     | 8              | NCBI   |
| P5256       | Geniom Biochip mRNA Cyanobacteria bacterium Yellowstone B-Prime     | 8              | NCBI   |
| P5257       | Geniom Biochip mRNA Cyanotheca ATCC 51142                           | 8              | NCBI   |
| P5258       | Geniom Biochip mRNA Cytophaga hutchinsonii ATCC 33406               | 8              | NCBI   |
| P5259       | Geniom Biochip mRNA Dechloromonas aromatica RCB                     | 8              | NCBI   |
| P5260       | Geniom Biochip mRNA Dehalococcoides BAV1                            | 8              | NCBI   |
| P5261       | Geniom Biochip mRNA Dehalococcoides CBDB1                           | 8              | NCBI   |
| P5262       | Geniom Biochip mRNA Dehalococcoides ethenogenes 195                 | 8              | NCBI   |
| P5263       | Geniom Biochip mRNA Deinococcus geothermalis DSM 11300              | 8              | NCBI   |
| P5264       | Geniom Biochip mRNA Deinococcus radiodurans                         | 8              | NCBI   |
| P5265       | Geniom Biochip mRNA Delftia acidovorans SPH-1                       | 8              | NCBI   |
| P5266       | Geniom Biochip mRNA Desulfotobacterium hafniense Y51                | 8              | NCBI   |
| P5267       | Geniom Biochip mRNA Desulfotalea psychrophila LSV54                 | 8              | NCBI   |

| Catalog no. | Name   | No. of samples | Source |
|-------------|--|----------------|--------|
| P5268       | Geniom Biochip mRNA Desulfotomaculum reducens MI-1               | 8              | NCBI   |
| P5269       | Geniom Biochip mRNA Desulfovibrio desulfuricans G20              | 8              | NCBI   |
| P5270       | Geniom Biochip mRNA Desulfovibrio vulgaris DP4                   | 8              | NCBI   |
| P5271       | Geniom Biochip mRNA Desulfovibrio vulgaris Hildenborough         | 8              | NCBI   |
| P5272       | Geniom Biochip mRNA Dichelobacter nodosus VCS1703A               | 8              | NCBI   |
| P5273       | Geniom Biochip mRNA Dictyoglomus thermophilum H 6 12             | 8              | NCBI   |
| P5274       | Geniom Biochip mRNA Dinoroseobacter shibae DFL 12                | 8              | NCBI   |
| P5275       | Geniom Biochip mRNA Ehrlichia canis Jake                         | 8              | NCBI   |
| P5276       | Geniom Biochip mRNA Ehrlichia chaffeensis Arkansas               | 8              | NCBI   |
| P5277       | Geniom Biochip mRNA Ehrlichia ruminantium Gardel                 | 8              | NCBI   |
| P5278       | Geniom Biochip mRNA Ehrlichia ruminantium str. Welgevonden CIRAD | 8              | NCBI   |
| P5279       | Geniom Biochip mRNA Ehrlichia ruminantium Welgevonden UPSA       | 8              | NCBI   |
| P5280       | Geniom Biochip mRNA Elusimicrobium minutum Pei191                | 8              | NCBI   |
| P5281       | Geniom Biochip mRNA Enterobacter 638                             | 8              | NCBI   |
| P5282       | Geniom Biochip mRNA Enterobacter sakazakii ATCC BAA-894          | 8              | NCBI   |
| P5283       | Geniom Biochip mRNA Enterococcus faecalis V583                   | 8              | NCBI   |
| P5284       | Geniom Biochip mRNA Erwinia carotovora atroseptica SCRI1043      | 8              | NCBI   |
| P5285       | Geniom Biochip mRNA Erwinia tasmaniensis                         | 8              | NCBI   |
| P5286       | Geniom Biochip mRNA Erythrobacter litoralis HTCC2594             | 8              | NCBI   |
| P5287       | Geniom Biochip mRNA Escherichia coli 536                         | 8              | NCBI   |
| P5288       | Geniom Biochip mRNA Escherichia coli APEC 01                     | 8              | NCBI   |
| P5289       | Geniom Biochip mRNA Escherichia coli C ATCC 8739                 | 8              | NCBI   |
| P5290       | Geniom Biochip mRNA Escherichia coli CFT073                      | 8              | NCBI   |
| P5291       | Geniom Biochip mRNA Escherichia coli E24377A                     | 8              | NCBI   |
| P5292       | Geniom Biochip mRNA Escherichia coli HS                          | 8              | NCBI   |
| P5293       | Geniom Biochip mRNA Escherichia coli K 12 substr DH10B           | 8              | NCBI   |
| P5294       | Geniom Biochip mRNA Escherichia coli K12 substr MG1655           | 8              | NCBI   |
| P5295       | Geniom Biochip mRNA Escherichia coli O157 H7 EC4115              | 8              | NCBI   |
| P5296       | Geniom Biochip mRNA Escherichia coli O157H7                      | 8              | NCBI   |
| P5297       | Geniom Biochip mRNA Escherichia coli O157H7 EDL933               | 8              | NCBI   |
| P5298       | Geniom Biochip mRNA Escherichia coli SE11                        | 8              | NCBI   |
| P5299       | Geniom Biochip mRNA Escherichia coli SMS 3 5                     | 8              | NCBI   |
| P5300       | Geniom Biochip mRNA Escherichia coli UTI89                       | 8              | NCBI   |
| P5301       | Geniom Biochip mRNA Escherichia coli W3110                       | 8              | NCBI   |
| P5302       | Geniom Biochip mRNA Exiguobacterium sibiricum 255 15             | 8              | NCBI   |
| P5303       | Geniom Biochip mRNA Fervidobacterium nodosum Rt17-B1             | 8              | NCBI   |
| P5304       | Geniom Biochip mRNA Finegoldia magna ATCC 29328                  | 8              | NCBI   |

| Catalog no. | Name                |   | No. of samples | Source |
|-------------|---------------------|---|----------------|--------|
| P5305       | Geniom Biochip mRNA | <i>Flavobacterium johnsoniae</i> UW101            | 8              | NCBI   |
| P5306       | Geniom Biochip mRNA | <i>Flavobacterium psychrophilum</i> JIP02 86      | 8              | NCBI   |
| P5307       | Geniom Biochip mRNA | <i>Francisella philomiragia</i> ATCC 25017        | 8              | NCBI   |
| P5308       | Geniom Biochip mRNA | <i>Francisella tularensis</i> FSC 198             | 8              | NCBI   |
| P5309       | Geniom Biochip mRNA | <i>Francisella tularensis</i> holarctica          | 8              | NCBI   |
| P5310       | Geniom Biochip mRNA | <i>Francisella tularensis</i> holarctica FTA      | 8              | NCBI   |
| P5311       | Geniom Biochip mRNA | <i>Francisella tularensis</i> holarctica OSU18    | 8              | NCBI   |
| P5312       | Geniom Biochip mRNA | <i>Francisella tularensis</i> mediasiatica FSC147 | 8              | NCBI   |
| P5313       | Geniom Biochip mRNA | <i>Francisella tularensis</i> novicida U112       | 8              | NCBI   |
| P5314       | Geniom Biochip mRNA | <i>Francisella tularensis</i> tularensis          | 8              | NCBI   |
| P5315       | Geniom Biochip mRNA | <i>Francisella tularensis</i> WY96-3418           | 8              | NCBI   |
| P5316       | Geniom Biochip mRNA | <i>Frankia alni</i> ACN14a                        | 8              | NCBI   |
| P5317       | Geniom Biochip mRNA | <i>Frankia</i> Ccl3                               | 8              | NCBI   |
| P5318       | Geniom Biochip mRNA | <i>Frankia</i> EAN1pec                            | 8              | NCBI   |
| P5319       | Geniom Biochip mRNA | <i>Fusobacterium nucleatum</i>                    | 8              | NCBI   |
| P5320       | Geniom Biochip mRNA | <i>Geobacillus kaustophilus</i> HTA426            | 8              | NCBI   |
| P5321       | Geniom Biochip mRNA | <i>Geobacillus thermodenitrificans</i> NG80-2     | 8              | NCBI   |
| P5322       | Geniom Biochip mRNA | <i>Geobacter bemidjiensis</i> Bem                 | 8              | NCBI   |
| P5323       | Geniom Biochip mRNA | <i>Geobacter lovleyi</i> SZ                       | 8              | NCBI   |
| P5324       | Geniom Biochip mRNA | <i>Geobacter metallireducens</i> GS-15            | 8              | NCBI   |
| P5325       | Geniom Biochip mRNA | <i>Geobacter sulfurreducens</i>                   | 8              | NCBI   |
| P5326       | Geniom Biochip mRNA | <i>Geobacter uraniumreducens</i> Rf4              | 8              | NCBI   |
| P5327       | Geniom Biochip mRNA | <i>Gloeobacter violaceus</i>                      | 8              | NCBI   |
| P5328       | Geniom Biochip mRNA | <i>Gluconacetobacter diazotrophicus</i> PAL 5     | 8              | NCBI   |
| P5329       | Geniom Biochip mRNA | <i>Gluconobacter oxydans</i> 621H                 | 8              | NCBI   |
| P5330       | Geniom Biochip mRNA | <i>Gramella forsetii</i> KT0803                   | 8              | NCBI   |
| P5331       | Geniom Biochip mRNA | <i>Granulobacter bethesdensis</i> CGDNIH1         | 8              | NCBI   |
| P5332       | Geniom Biochip mRNA | <i>Haemophilus ducreyi</i> 35000HP                | 8              | NCBI   |
| P5333       | Geniom Biochip mRNA | <i>Haemophilus influenzae</i>                     | 8              | NCBI   |
| P5334       | Geniom Biochip mRNA | <i>Haemophilus influenzae</i> 86 028NP            | 8              | NCBI   |
| P5335       | Geniom Biochip mRNA | <i>Haemophilus influenzae</i> PittEE              | 8              | NCBI   |
| P5336       | Geniom Biochip mRNA | <i>Haemophilus influenzae</i> PittGG              | 8              | NCBI   |
| P5337       | Geniom Biochip mRNA | <i>Haemophilus somnus</i> 129PT                   | 8              | NCBI   |
| P5338       | Geniom Biochip mRNA | <i>Haemophilus somnus</i> 2336                    | 8              | NCBI   |
| P5339       | Geniom Biochip mRNA | <i>Hahella chejuensis</i> KCTC 2396               | 8              | NCBI   |
| P5340       | Geniom Biochip mRNA | <i>Haloarcula marismortui</i> ATCC 43049          | 8              | NCBI   |
| P5341       | Geniom Biochip mRNA | <i>Halobacterium salinarum</i> R1                 | 8              | NCBI   |

| Catalog no. | Name  | No. of samples | Source |
|-------------|---|----------------|--------|
| P5342       | Geniom Biochip mRNA Halobacterium sp                                  | 8              | NCBI   |
| P5343       | Geniom Biochip mRNA Haloquadratum walsbyi                             | 8              | NCBI   |
| P5344       | Geniom Biochip mRNA Halorhodospira halophila SL1                      | 8              | NCBI   |
| P5345       | Geniom Biochip mRNA Helicobacter acinonychis Sheeba                   | 8              | NCBI   |
| P5346       | Geniom Biochip mRNA Helicobacter hepaticus                            | 8              | NCBI   |
| P5347       | Geniom Biochip mRNA Helicobacter pylori 26695                         | 8              | NCBI   |
| P5348       | Geniom Biochip mRNA Helicobacter pylori G27                           | 8              | NCBI   |
| P5349       | Geniom Biochip mRNA Helicobacter pylori HPAG1                         | 8              | NCBI   |
| P5350       | Geniom Biochip mRNA Helicobacter pylori J99                           | 8              | NCBI   |
| P5351       | Geniom Biochip mRNA Helicobacter pylori P12                           | 8              | NCBI   |
| P5352       | Geniom Biochip mRNA Helicobacter pylori Shi470                        | 8              | NCBI   |
| P5353       | Geniom Biochip mRNA Helicobacterium modesticaldum Ice1                | 8              | NCBI   |
| P5354       | Geniom Biochip mRNA Herminiimonas arsenicoxydans                      | 8              | NCBI   |
| P5355       | Geniom Biochip mRNA Herpetosiphon aurantiacus ATCC 23779              | 8              | NCBI   |
| P5356       | Geniom Biochip mRNA Hydrogenobaculum Y04AAS1                          | 8              | NCBI   |
| P5357       | Geniom Biochip mRNA Hyperthermus butylicus                            | 8              | NCBI   |
| P5358       | Geniom Biochip mRNA Hyphomonas neptunium ATCC 15444                   | 8              | NCBI   |
| P5359       | Geniom Biochip mRNA Idiomarina loihiensis L2TR                        | 8              | NCBI   |
| P5360       | Geniom Biochip mRNA Ignicoccus hospitalis KIN4 I                      | 8              | NCBI   |
| P5361       | Geniom Biochip mRNA Jannaschia CCS1                                   | 8              | NCBI   |
| P5362       | Geniom Biochip mRNA Janthinobacterium Marseille                       | 8              | NCBI   |
| P5363       | Geniom Biochip mRNA Kineococcus radiotolerans SRS30216                | 8              | NCBI   |
| P5364       | Geniom Biochip mRNA Klebsiella pneumoniae 342                         | 8              | NCBI   |
| P5365       | Geniom Biochip mRNA Klebsiella pneumoniae MGH 78578                   | 8              | NCBI   |
| P5366       | Geniom Biochip mRNA Kocuria rhizophila DC2201                         | 8              | NCBI   |
| P5367       | Geniom Biochip mRNA Lactobacillus acidophilus NCFM                    | 8              | NCBI   |
| P5368       | Geniom Biochip mRNA Lactobacillus brevis ATCC 367                     | 8              | NCBI   |
| P5369       | Geniom Biochip mRNA Lactobacillus casei                               | 8              | NCBI   |
| P5370       | Geniom Biochip mRNA Lactobacillus casei ATCC 334                      | 8              | NCBI   |
| P5371       | Geniom Biochip mRNA Lactobacillus delbrueckii bulgaricus              | 8              | NCBI   |
| P5372       | Geniom Biochip mRNA Lactobacillus delbrueckii bulgaricus ATCC BAA-365 | 8              | NCBI   |
| P5373       | Geniom Biochip mRNA Lactobacillus fermentum IFO 3956                  | 8              | NCBI   |
| P5374       | Geniom Biochip mRNA Lactobacillus gasseri ATCC 33323                  | 8              | NCBI   |
| P5375       | Geniom Biochip mRNA Lactobacillus helveticus DPC 4571                 | 8              | NCBI   |
| P5376       | Geniom Biochip mRNA Lactobacillus johnsonii NCC 533                   | 8              | NCBI   |
| P5377       | Geniom Biochip mRNA Lactobacillus plantarum                           | 8              | NCBI   |
| P5378       | Geniom Biochip mRNA Lactobacillus reuteri F275 JGI                    | 8              | NCBI   |

| <b>Catalog no.</b> | <b>Name</b>  | <b>No. of samples</b> | <b>Source</b> |
|--------------------|--|-----------------------|---------------|
| P5379              | Geniom Biochip mRNA Lactobacillus reuteri F275 Kitasato                  | 8                     | NCBI          |
| P5380              | Geniom Biochip mRNA Lactobacillus sakei 23K                              | 8                     | NCBI          |
| P5381              | Geniom Biochip mRNA Lactobacillus salivarius UCC118                      | 8                     | NCBI          |
| P5382              | Geniom Biochip mRNA Lactococcus lactis                                   | 8                     | NCBI          |
| P5383              | Geniom Biochip mRNA Lactococcus lactis cremoris MG1363                   | 8                     | NCBI          |
| P5384              | Geniom Biochip mRNA Lactococcus lactis cremoris SK11                     | 8                     | NCBI          |
| P5385              | Geniom Biochip mRNA Lawsonia intracellularis PHE MN1-00                  | 8                     | NCBI          |
| P5386              | Geniom Biochip mRNA Legionella pneumophila Corby                         | 8                     | NCBI          |
| P5387              | Geniom Biochip mRNA Legionella pneumophila Lens                          | 8                     | NCBI          |
| P5388              | Geniom Biochip mRNA Legionella pneumophila Paris                         | 8                     | NCBI          |
| P5389              | Geniom Biochip mRNA Legionella pneumophila Philadelphia 1                | 8                     | NCBI          |
| P5390              | Geniom Biochip mRNA Leifsonia xyli xyli CTCB0                            | 8                     | NCBI          |
| P5391              | Geniom Biochip mRNA Leptospira biflexa serovar Patoc Patoc 1 Ames        | 8                     | NCBI          |
| P5392              | Geniom Biochip mRNA Leptospira biflexa serovar Patoc Patoc 1 Paris       | 8                     | NCBI          |
| P5393              | Geniom Biochip mRNA Leptospira borgpetersenii serovar Hardjo-bovis JB197 | 8                     | NCBI          |
| P5394              | Geniom Biochip mRNA Leptospira borgpetersenii serovar Hardjo-bovis L550  | 8                     | NCBI          |
| P5395              | Geniom Biochip mRNA Leptospira interrogans serovar Copenhageni           | 8                     | NCBI          |
| P5396              | Geniom Biochip mRNA Leptospira interrogans serovar Lai                   | 8                     | NCBI          |
| P5397              | Geniom Biochip mRNA Leptothrix cholodnii SP 6                            | 8                     | NCBI          |
| P5398              | Geniom Biochip mRNA Leuconostoc citreum KM20                             | 8                     | NCBI          |
| P5399              | Geniom Biochip mRNA Leuconostoc mesenteroides ATCC 8293                  | 8                     | NCBI          |
| P5400              | Geniom Biochip mRNA Listeria innocua                                     | 8                     | NCBI          |
| P5401              | Geniom Biochip mRNA Listeria monocytogenes                               | 8                     | NCBI          |
| P5402              | Geniom Biochip mRNA Listeria monocytogenes 4b F2365                      | 8                     | NCBI          |
| P5403              | Geniom Biochip mRNA Listeria welshimeri serovar 6b SLCC5334              | 8                     | NCBI          |
| P5404              | Geniom Biochip mRNA Lysinibacillus sphaericus C3 41                      | 8                     | NCBI          |
| P5405              | Geniom Biochip mRNA Magnetococcus MC-1                                   | 8                     | NCBI          |
| P5406              | Geniom Biochip mRNA Magnetospirillum magneticum AMB-1                    | 8                     | NCBI          |
| P5407              | Geniom Biochip mRNA Mannheimia succiniciproducens MBEL55E                | 8                     | NCBI          |
| P5408              | Geniom Biochip mRNA Maricaulis maris MCS10                               | 8                     | NCBI          |
| P5409              | Geniom Biochip mRNA Marinobacter aquaeolei VT8                           | 8                     | NCBI          |
| P5410              | Geniom Biochip mRNA Marinomonas MWYL1                                    | 8                     | NCBI          |
| P5411              | Geniom Biochip mRNA Mesoplasma florum L1                                 | 8                     | NCBI          |
| P5412              | Geniom Biochip mRNA Mesorhizobium BNC1                                   | 8                     | NCBI          |
| P5413              | Geniom Biochip mRNA Mesorhizobium loti                                   | 8                     | NCBI          |
| P5414              | Geniom Biochip mRNA Metallosphaera sedula DSM 5348                       | 8                     | NCBI          |
| P5415              | Geniom Biochip mRNA Methanobacterium thermoautotrophicum                 | 8                     | NCBI          |

| Catalog no. | Name                |   | No. of samples | Source |
|-------------|---------------------|---|----------------|--------|
| P5416       | Geniom Biochip mRNA | Methanobrevibacter smithii ATCC 35061   | 8              | NCBI   |
| P5417       | Geniom Biochip mRNA | Methanococcoides burtonii DSM 6242      | 8              | NCBI   |
| P5418       | Geniom Biochip mRNA | Methanococcus aeolicus Nankai-3         | 8              | NCBI   |
| P5419       | Geniom Biochip mRNA | Methanococcus jannaschii                | 8              | NCBI   |
| P5420       | Geniom Biochip mRNA | Methanococcus maripaludis C5            | 8              | NCBI   |
| P5421       | Geniom Biochip mRNA | Methanococcus maripaludis C6            | 8              | NCBI   |
| P5422       | Geniom Biochip mRNA | Methanococcus maripaludis C7            | 8              | NCBI   |
| P5423       | Geniom Biochip mRNA | Methanococcus maripaludis S2            | 8              | NCBI   |
| P5424       | Geniom Biochip mRNA | Methanococcus vannielii SB              | 8              | NCBI   |
| P5425       | Geniom Biochip mRNA | Methanocorpusculum labreanum Z          | 8              | NCBI   |
| P5426       | Geniom Biochip mRNA | Methanoculleus marisnigri JR1           | 8              | NCBI   |
| P5427       | Geniom Biochip mRNA | Methanopyrus kandleri                   | 8              | NCBI   |
| P5428       | Geniom Biochip mRNA | Methanosaeta thermophila PT             | 8              | NCBI   |
| P5429       | Geniom Biochip mRNA | Methanosarcina acetivorans              | 8              | NCBI   |
| P5430       | Geniom Biochip mRNA | Methanosarcina barkeri fusaro           | 8              | NCBI   |
| P5431       | Geniom Biochip mRNA | Methanosarcina mazei                    | 8              | NCBI   |
| P5432       | Geniom Biochip mRNA | Methanosphaera stadtmanae               | 8              | NCBI   |
| P5433       | Geniom Biochip mRNA | Methanospirillum hungatei JF-1          | 8              | NCBI   |
| P5434       | Geniom Biochip mRNA | Methylacidiphilum infernorum V4         | 8              | NCBI   |
| P5435       | Geniom Biochip mRNA | Methylibium petroleiphilum PM1          | 8              | NCBI   |
| P5436       | Geniom Biochip mRNA | Methylobacillus flagellatus KT          | 8              | NCBI   |
| P5437       | Geniom Biochip mRNA | Methylobacterium 4 46                   | 8              | NCBI   |
| P5438       | Geniom Biochip mRNA | Methylobacterium extorquens PA1         | 8              | NCBI   |
| P5439       | Geniom Biochip mRNA | Methylobacterium populi BJ001           | 8              | NCBI   |
| P5440       | Geniom Biochip mRNA | Methylobacterium radiotolerans JCM 2831 | 8              | NCBI   |
| P5441       | Geniom Biochip mRNA | Methylococcus capsulatus Bath           | 8              | NCBI   |
| P5442       | Geniom Biochip mRNA | Microcystis aeruginosa NIES 843         | 8              | NCBI   |
| P5443       | Geniom Biochip mRNA | Moorella thermoacetica ATCC 39073       | 8              | NCBI   |
| P5444       | Geniom Biochip mRNA | Mycobacterium abscessus ATCC 19977T     | 8              | NCBI   |
| P5445       | Geniom Biochip mRNA | Mycobacterium avium 104                 | 8              | NCBI   |
| P5446       | Geniom Biochip mRNA | Mycobacterium avium paratuberculosis    | 8              | NCBI   |
| P5447       | Geniom Biochip mRNA | Mycobacterium bovis                     | 8              | NCBI   |
| P5448       | Geniom Biochip mRNA | Mycobacterium bovis BCG Pasteur 1173P2  | 8              | NCBI   |
| P5449       | Geniom Biochip mRNA | Mycobacterium gilvum PYR-GCK            | 8              | NCBI   |
| P5450       | Geniom Biochip mRNA | Mycobacterium JLS                       | 8              | NCBI   |
| P5451       | Geniom Biochip mRNA | Mycobacterium KMS                       | 8              | NCBI   |
| P5452       | Geniom Biochip mRNA | Mycobacterium leprae                    | 8              | NCBI   |

| <b>Catalog no.</b> | <b>Name</b>  | <b>No. of samples</b> | <b>Source</b> |
|--------------------|--|-----------------------|---------------|
| P5453              | Geniom Biochip mRNA <i>Mycobacterium marinum</i> M                 | 8                     | NCBI          |
| P5454              | Geniom Biochip mRNA <i>Mycobacterium</i> MCS                       | 8                     | NCBI          |
| P5455              | Geniom Biochip mRNA <i>Mycobacterium smegmatis</i> MC2 155         | 8                     | NCBI          |
| P5456              | Geniom Biochip mRNA <i>Mycobacterium tuberculosis</i> CDC1551      | 8                     | NCBI          |
| P5457              | Geniom Biochip mRNA <i>Mycobacterium tuberculosis</i> F11          | 8                     | NCBI          |
| P5458              | Geniom Biochip mRNA <i>Mycobacterium tuberculosis</i> H37Ra        | 8                     | NCBI          |
| P5459              | Geniom Biochip mRNA <i>Mycobacterium tuberculosis</i> H37Rv        | 8                     | NCBI          |
| P5460              | Geniom Biochip mRNA <i>Mycobacterium ulcerans</i> Agy99            | 8                     | NCBI          |
| P5461              | Geniom Biochip mRNA <i>Mycobacterium vanbaalenii</i> PYR-1         | 8                     | NCBI          |
| P5462              | Geniom Biochip mRNA <i>Mycoplasma agalactiae</i> P62               | 8                     | NCBI          |
| P5463              | Geniom Biochip mRNA <i>Mycoplasma arthritidis</i> 158L3 1          | 8                     | NCBI          |
| P5464              | Geniom Biochip mRNA <i>Mycoplasma capricolum</i> ATCC 27343        | 8                     | NCBI          |
| P5465              | Geniom Biochip mRNA <i>Mycoplasma gallisepticum</i>                | 8                     | NCBI          |
| P5466              | Geniom Biochip mRNA <i>Mycoplasma genitalium</i>                   | 8                     | NCBI          |
| P5467              | Geniom Biochip mRNA <i>Mycoplasma hyopneumoniae</i> 232            | 8                     | NCBI          |
| P5468              | Geniom Biochip mRNA <i>Mycoplasma hyopneumoniae</i> 7448           | 8                     | NCBI          |
| P5469              | Geniom Biochip mRNA <i>Mycoplasma hyopneumoniae</i> J              | 8                     | NCBI          |
| P5470              | Geniom Biochip mRNA <i>Mycoplasma mobile</i> 163K                  | 8                     | NCBI          |
| P5471              | Geniom Biochip mRNA <i>Mycoplasma mycoides</i>                     | 8                     | NCBI          |
| P5472              | Geniom Biochip mRNA <i>Mycoplasma penetrans</i>                    | 8                     | NCBI          |
| P5473              | Geniom Biochip mRNA <i>Mycoplasma pneumoniae</i>                   | 8                     | NCBI          |
| P5474              | Geniom Biochip mRNA <i>Mycoplasma pulmonis</i>                     | 8                     | NCBI          |
| P5475              | Geniom Biochip mRNA <i>Mycoplasma synoviae</i> 53                  | 8                     | NCBI          |
| P5476              | Geniom Biochip mRNA <i>Myxococcus xanthus</i> DK 1622              | 8                     | NCBI          |
| P5477              | Geniom Biochip mRNA <i>Nanoarchaeum equitans</i>                   | 8                     | NCBI          |
| P5478              | Geniom Biochip mRNA <i>Natranaerobius thermophilus</i> JW NM WN LF | 8                     | NCBI          |
| P5479              | Geniom Biochip mRNA <i>Natronomonas pharaonis</i>                  | 8                     | NCBI          |
| P5480              | Geniom Biochip mRNA <i>Neisseria gonorrhoeae</i> FA 1090           | 8                     | NCBI          |
| P5481              | Geniom Biochip mRNA <i>Neisseria gonorrhoeae</i> NCCP11945         | 8                     | NCBI          |
| P5482              | Geniom Biochip mRNA <i>Neisseria meningitidis</i> 053442           | 8                     | NCBI          |
| P5483              | Geniom Biochip mRNA <i>Neisseria meningitidis</i> FAM18            | 8                     | NCBI          |
| P5484              | Geniom Biochip mRNA <i>Neisseria meningitidis</i> MC58             | 8                     | NCBI          |
| P5485              | Geniom Biochip mRNA <i>Neisseria meningitidis</i> Z2491            | 8                     | NCBI          |
| P5486              | Geniom Biochip mRNA <i>Neorickettsia sennetsu</i> Miyayama         | 8                     | NCBI          |
| P5487              | Geniom Biochip mRNA <i>Nitratiruptor</i> SB155-2                   | 8                     | NCBI          |
| P5488              | Geniom Biochip mRNA <i>Nitrobacter hamburgensis</i> X14            | 8                     | NCBI          |
| P5489              | Geniom Biochip mRNA <i>Nitrobacter winogradskyi</i> Nb-255         | 8                     | NCBI          |

| <b>Catalog no.</b> | <b>Name</b>   | <b>No. of samples</b> | <b>Source</b> |
|--------------------|---|-----------------------|---------------|
| P5490              | Geniom Biochip mRNA Nitrosococcus oceani ATCC 19707           | 8                     | NCBI          |
| P5491              | Geniom Biochip mRNA Nitrosomonas europaea                     | 8                     | NCBI          |
| P5492              | Geniom Biochip mRNA Nitrosomonas eutropha C71                 | 8                     | NCBI          |
| P5493              | Geniom Biochip mRNA Nitrosopumilus maritimus SCM1             | 8                     | NCBI          |
| P5494              | Geniom Biochip mRNA Nitrospira multififormis ATCC 25196       | 8                     | NCBI          |
| P5495              | Geniom Biochip mRNA Nocardia farcinica IFM10152               | 8                     | NCBI          |
| P5496              | Geniom Biochip mRNA Nocardioides JS614                        | 8                     | NCBI          |
| P5497              | Geniom Biochip mRNA Nostoc punctiforme PCC 73102              | 8                     | NCBI          |
| P5498              | Geniom Biochip mRNA Nostoc sp                                 | 8                     | NCBI          |
| P5499              | Geniom Biochip mRNA Novosphingobium aromaticivorans DSM 12444 | 8                     | NCBI          |
| P5500              | Geniom Biochip mRNA Oceanobacillus iheyensis                  | 8                     | NCBI          |
| P5501              | Geniom Biochip mRNA Ochrobactrum anthropi ATCC 49188          | 8                     | NCBI          |
| P5502              | Geniom Biochip mRNA Oenococcus oeni PSU-1                     | 8                     | NCBI          |
| P5503              | Geniom Biochip mRNA Oligotropha carboxidovorans OM5           | 8                     | NCBI          |
| P5504              | Geniom Biochip mRNA Onion yellows phytoplasma                 | 8                     | NCBI          |
| P5505              | Geniom Biochip mRNA Opitutus terrae PB90 1                    | 8                     | NCBI          |
| P5506              | Geniom Biochip mRNA Orientia tsutsugamushi Boryong            | 8                     | NCBI          |
| P5507              | Geniom Biochip mRNA Orientia tsutsugamushi Ikeda              | 8                     | NCBI          |
| P5508              | Geniom Biochip mRNA Parabacteroides distasonis ATCC 8503      | 8                     | NCBI          |
| P5509              | Geniom Biochip mRNA Parachlamydia sp UWE25                    | 8                     | NCBI          |
| P5510              | Geniom Biochip mRNA Paracoccus denitrificans PD1222           | 8                     | NCBI          |
| P5511              | Geniom Biochip mRNA Parvibaculum lavamentivorans DS-1         | 8                     | NCBI          |
| P5512              | Geniom Biochip mRNA Pasteurella multocida                     | 8                     | NCBI          |
| P5513              | Geniom Biochip mRNA Pediococcus pentosaceus ATCC 25745        | 8                     | NCBI          |
| P5514              | Geniom Biochip mRNA Pelobacter carbinolicus                   | 8                     | NCBI          |
| P5515              | Geniom Biochip mRNA Pelobacter propionicus DSM 2379           | 8                     | NCBI          |
| P5516              | Geniom Biochip mRNA Pelodictyon luteolum DSM 273              | 8                     | NCBI          |
| P5517              | Geniom Biochip mRNA Pelodictyon phaeoclathratiforme BU 1      | 8                     | NCBI          |
| P5518              | Geniom Biochip mRNA Pelotomaculum thermopropionicum SI        | 8                     | NCBI          |
| P5519              | Geniom Biochip mRNA Petrotoga mobilis SJ95                    | 8                     | NCBI          |
| P5520              | Geniom Biochip mRNA Phenylbacterium zucineum HLK1             | 8                     | NCBI          |
| P5521              | Geniom Biochip mRNA Photobacterium profundum SS9              | 8                     | NCBI          |
| P5522              | Geniom Biochip mRNA Photorhabdus luminescens                  | 8                     | NCBI          |
| P5523              | Geniom Biochip mRNA Picrophilus torridus DSM 9790             | 8                     | NCBI          |
| P5524              | Geniom Biochip mRNA Pirellula sp                              | 8                     | NCBI          |
| P5525              | Geniom Biochip mRNA Polaromonas JS666                         | 8                     | NCBI          |
| P5526              | Geniom Biochip mRNA Polaromonas naphthalenivorans CJ2         | 8                     | NCBI          |

| <b>Catalog no.</b> | <b>Name</b>   | <b>No. of samples</b> | <b>Source</b> |
|--------------------|---|-----------------------|---------------|
| P5527              | Geniom Biochip mRNA Polynucleobacter necessarius STIR1      | 8                     | NCBI          |
| P5528              | Geniom Biochip mRNA Polynucleobacter QLW-P1DMWA-1           | 8                     | NCBI          |
| P5529              | Geniom Biochip mRNA Porphyromonas gingivalis ATCC 33277     | 8                     | NCBI          |
| P5530              | Geniom Biochip mRNA Porphyromonas gingivalis W83            | 8                     | NCBI          |
| P5531              | Geniom Biochip mRNA Prochlorococcus marinus AS9601          | 8                     | NCBI          |
| P5532              | Geniom Biochip mRNA Prochlorococcus marinus CCMP1375        | 8                     | NCBI          |
| P5533              | Geniom Biochip mRNA Prochlorococcus marinus MED4            | 8                     | NCBI          |
| P5534              | Geniom Biochip mRNA Prochlorococcus marinus MIT 9211        | 8                     | NCBI          |
| P5535              | Geniom Biochip mRNA Prochlorococcus marinus MIT 9215        | 8                     | NCBI          |
| P5536              | Geniom Biochip mRNA Prochlorococcus marinus MIT 9301        | 8                     | NCBI          |
| P5537              | Geniom Biochip mRNA Prochlorococcus marinus MIT 9303        | 8                     | NCBI          |
| P5538              | Geniom Biochip mRNA Prochlorococcus marinus MIT 9312        | 8                     | NCBI          |
| P5539              | Geniom Biochip mRNA Prochlorococcus marinus MIT 9515        | 8                     | NCBI          |
| P5540              | Geniom Biochip mRNA Prochlorococcus marinus MIT9313         | 8                     | NCBI          |
| P5541              | Geniom Biochip mRNA Prochlorococcus marinus NATL1A          | 8                     | NCBI          |
| P5542              | Geniom Biochip mRNA Prochlorococcus marinus NATL2A          | 8                     | NCBI          |
| P5543              | Geniom Biochip mRNA Propionibacterium acnes KPA171202       | 8                     | NCBI          |
| P5544              | GeniomBiochip mRNA Prosthecochloris aestuarii DSM 271       | 8                     | NCBI          |
| P5545              | Geniom Biochip mRNA Prosthecochloris vibrioformis DSM 265   | 8                     | NCBI          |
| P5546              | Geniom Biochip mRNA Proteus mirabilis                       | 8                     | NCBI          |
| P5547              | Geniom Biochip mRNA Pseudoalteromonas atlantica T6c         | 8                     | NCBI          |
| P5548              | Geniom Biochip mRNA Pseudoalteromonas haloplanktis TAC125   | 8                     | NCBI          |
| P5549              | Geniom Biochip mRNA Pseudomonas aeruginosa                  | 8                     | NCBI          |
| P5550              | Geniom Biochip mRNA Pseudomonas aeruginosa PA7              | 8                     | NCBI          |
| P5551              | Geniom Biochip mRNA Pseudomonas aeruginosa UCPPP-PA14       | 8                     | NCBI          |
| P5552              | Geniom Biochip mRNA Pseudomonas entomophila L48             | 8                     | NCBI          |
| P5553              | Geniom Biochip mRNA Pseudomonas fluorescens Pf-5            | 8                     | NCBI          |
| P5554              | Geniom Biochip mRNA Pseudomonas fluorescens Pf0 1           | 8                     | NCBI          |
| P5555              | Geniom Biochip mRNA Pseudomonas mendocina ymp               | 8                     | NCBI          |
| P5556              | Geniom Biochip mRNA Pseudomonas putida F1                   | 8                     | NCBI          |
| P5557              | Geniom Biochip mRNA Pseudomonas putida GB 1                 | 8                     | NCBI          |
| P5558              | Geniom Biochip mRNA Pseudomonas putida KT2440               | 8                     | NCBI          |
| P5559              | Geniom Biochip mRNA Pseudomonas putida W619                 | 8                     | NCBI          |
| P5560              | Geniom Biochip mRNA Pseudomonas stutzeri A1501              | 8                     | NCBI          |
| P5561              | Geniom Biochip mRNA Pseudomonas syringae phaseolicola 1448A | 8                     | NCBI          |
| P5562              | Geniom Biochip mRNA Pseudomonas syringae pv B728a           | 8                     | NCBI          |
| P5563              | Geniom Biochip mRNA Pseudomonas syringae tomato DC3000      | 8                     | NCBI          |

| <b>Catalog no.</b> | <b>Name</b>   | <b>No. of samples</b> | <b>Source</b> |
|--------------------|---|-----------------------|---------------|
| P5564              | Geniom Biochip mRNA Psychrobacter arcticum 273-4                | 8                     | NCBI          |
| P5565              | Geniom Biochip mRNA Psychrobacter cryohalolentis K5             | 8                     | NCBI          |
| P5566              | Geniom Biochip mRNA Psychrobacter PRwf-1                        | 8                     | NCBI          |
| P5567              | Geniom Biochip mRNA Psychromonas ingrahamii 37                  | 8                     | NCBI          |
| P5568              | Geniom Biochip mRNA Pyrobaculum aerophilum                      | 8                     | NCBI          |
| P5569              | Geniom Biochip mRNA Pyrobaculum arsenaticum DSM 13514           | 8                     | NCBI          |
| P5570              | Geniom Biochip mRNA Pyrobaculum calidifontis JCM 11548          | 8                     | NCBI          |
| P5571              | Geniom Biochip mRNA Pyrobaculum islandicum DSM 4184             | 8                     | NCBI          |
| P5572              | Geniom Biochip mRNA Pyrococcus abyssi                           | 8                     | NCBI          |
| P5573              | Geniom Biochip mRNA Pyrococcus furiosus                         | 8                     | NCBI          |
| P5574              | Geniom Biochip mRNA Pyrococcus horikoshii                       | 8                     | NCBI          |
| P5575              | Geniom Biochip mRNA Ralstonia eutropha H16                      | 8                     | NCBI          |
| P5576              | Geniom Biochip mRNA Ralstonia eutropha JMP134                   | 8                     | NCBI          |
| P5577              | Geniom Biochip mRNA Ralstonia metallidurans CH34                | 8                     | NCBI          |
| P5578              | Geniom Biochip mRNA Ralstonia pickettii 12J                     | 8                     | NCBI          |
| P5579              | Geniom Biochip mRNA Ralstonia solanacearum                      | 8                     | NCBI          |
| P5580              | Geniom Biochip mRNA Renibacterium salmoninarum ATCC 33209       | 8                     | NCBI          |
| P5581              | Geniom Biochip mRNA Rhizobium etli CFN 42                       | 8                     | NCBI          |
| P5582              | Geniom Biochip mRNA Rhizobium etli CIAT 652                     | 8                     | NCBI          |
| P5583              | Geniom Biochip mRNA Rhizobium leguminosarum bv trifolii WSM2304 | 8                     | NCBI          |
| P5584              | Geniom Biochip mRNA Rhizobium leguminosarum bv viciae 3841      | 8                     | NCBI          |
| P5585              | Geniom Biochip mRNA Rhodobacter sphaeroides 2 4 1               | 8                     | NCBI          |
| P5586              | Geniom Biochip mRNA Rhodobacter sphaeroides ATCC 17025          | 8                     | NCBI          |
| P5587              | Geniom Biochip mRNA Rhodobacter sphaeroides ATCC 17029          | 8                     | NCBI          |
| P5588              | Geniom Biochip mRNA Rhodococcus RHA1                            | 8                     | NCBI          |
| P5589              | Geniom Biochip mRNA Rhodoferax ferrireducens T118               | 8                     | NCBI          |
| P5590              | Geniom Biochip mRNA Rhodopseudomonas palustris BisA53           | 8                     | NCBI          |
| P5591              | Geniom Biochip mRNA Rhodopseudomonas palustris BisB18           | 8                     | NCBI          |
| P5592              | Geniom Biochip mRNA Rhodopseudomonas palustris BisB5            | 8                     | NCBI          |
| P5593              | Geniom Biochip mRNA Rhodopseudomonas palustris CGA009           | 8                     | NCBI          |
| P5594              | Geniom Biochip mRNA Rhodopseudomonas palustris HaA2             | 8                     | NCBI          |
| P5595              | Geniom Biochip mRNA Rhodopseudomonas palustris TIE 1            | 8                     | NCBI          |
| P5596              | Geniom Biochip mRNA Rhodospirillum centenum SW                  | 8                     | NCBI          |
| P5597              | Geniom Biochip mRNA Rhodospirillum rubrum ATCC 11170            | 8                     | NCBI          |
| P5598              | Geniom Biochip mRNA Rickettsia akari Hartford                   | 8                     | NCBI          |
| P5599              | Geniom Biochip mRNA Rickettsia bellii OSU 85-389                | 8                     | NCBI          |
| P5600              | Geniom Biochip mRNA Rickettsia bellii RML369-C                  | 8                     | NCBI          |

| <b>Catalog no.</b> | <b>Name</b>   | <b>No. of samples</b> | <b>Source</b> |
|--------------------|---|-----------------------|---------------|
| P5601              | Geniom Biochip mRNA Rickettsia canadensis McKiel                        | 8                     | NCBI          |
| P5602              | Geniom Biochip mRNA Rickettsia conorii                                  | 8                     | NCBI          |
| P5603              | Geniom Biochip mRNA Rickettsia felis URRWXCa2                           | 8                     | NCBI          |
| P5604              | Geniom Biochip mRNA Rickettsia massiliae MTU5                           | 8                     | NCBI          |
| P5605              | Geniom Biochip mRNA Rickettsia prowazekii                               | 8                     | NCBI          |
| P5606              | Geniom Biochip mRNA Rickettsia rickettsii Iowa                          | 8                     | NCBI          |
| P5607              | Geniom Biochip mRNA Rickettsia rickettsii Sheila Smith                  | 8                     | NCBI          |
| P5608              | Geniom Biochip mRNA Rickettsia typhi wilmington                         | 8                     | NCBI          |
| P5609              | Geniom Biochip mRNA Roseiflexus castenholzii DSM 13941                  | 8                     | NCBI          |
| P5610              | Geniom Biochip mRNA Roseiflexus RS-1                                    | 8                     | NCBI          |
| P5611              | Geniom Biochip mRNA Roseobacter denitrificans OCh 114                   | 8                     | NCBI          |
| P5612              | Geniom Biochip mRNA Rubrobacter xylanophilus DSM 9941                   | 8                     | NCBI          |
| P5613              | Geniom Biochip mRNA Saccharophagus degradans 2-40                       | 8                     | NCBI          |
| P5614              | Geniom Biochip mRNA Saccharopolyspora erythraea NRRL 2338               | 8                     | NCBI          |
| P5615              | Geniom Biochip mRNA Salinibacter ruber DSM 13855                        | 8                     | NCBI          |
| P5616              | Geniom Biochip mRNA Salinispora arenicola CNS-205                       | 8                     | NCBI          |
| P5617              | Geniom Biochip mRNA Salinispora tropica CNB-440                         | 8                     | NCBI          |
| P5618              | Geniom Biochip mRNA Salmonella enterica arizonae serovar 62 z4 z23      | 8                     | NCBI          |
| P5619              | Geniom Biochip mRNA Salmonella enterica Choleraesuis                    | 8                     | NCBI          |
| P5620              | Geniom Biochip mRNA Salmonella enterica Paratyphi ATCC 9150             | 8                     | NCBI          |
| P5621              | Geniom Biochip mRNA Salmonella enterica serovar Agona SL483             | 8                     | NCBI          |
| P5622              | Geniom Biochip mRNA Salmonella enterica serovar Dublin CT 02021853      | 8                     | NCBI          |
| P5623              | Geniom Biochip mRNA Salmonella enterica serovar Enteritidis P125109     | 8                     | NCBI          |
| P5624              | Geniom Biochip mRNA Salmonella enterica serovar Gallinarum 287 91       | 8                     | NCBI          |
| P5625              | Geniom Biochip mRNA Salmonella enterica serovar Heidelberg SL476        | 8                     | NCBI          |
| P5626              | Geniom Biochip mRNA Salmonella enterica serovar Newport SL254           | 8                     | NCBI          |
| P5627              | Geniom Biochip mRNA Salmonella enterica serovar Paratyphi A AKU 12601   | 8                     | NCBI          |
| P5628              | Geniom Biochip mRNA Salmonella enterica serovar Paratyphi B SPB7        | 8                     | NCBI          |
| P5629              | Geniom Biochip mRNA Salmonella enterica serovar Schwarzengrund CVM19633 | 8                     | NCBI          |
| P5630              | Geniom Biochip mRNA Salmonella enterica serovar Typhi Ty2               | 8                     | NCBI          |
| P5631              | Geniom Biochip mRNA Salmonella typhi                                    | 8                     | NCBI          |
| P5632              | Geniom Biochip mRNA Salmonella typhimurium LT2                          | 8                     | NCBI          |
| P5633              | Geniom Biochip mRNA Serratia proteamaculans 568                         | 8                     | NCBI          |
| P5634              | Geniom Biochip mRNA Shewanella amazonensis SB2B                         | 8                     | NCBI          |
| P5635              | Geniom Biochip mRNA Shewanella ANA-3                                    | 8                     | NCBI          |
| P5636              | Geniom Biochip mRNA Shewanella baltica OS155                            | 8                     | NCBI          |
| P5637              | Geniom Biochip mRNA Shewanella baltica OS185                            | 8                     | NCBI          |

| Catalog no. | Name   | No. of samples | Source |
|-------------|--|----------------|--------|
| P5638       | Geniom Biochip mRNA Shewanella baltica OS195             | 8              | NCBI   |
| P5639       | Geniom Biochip mRNA Shewanella denitrificans OS217       | 8              | NCBI   |
| P5640       | Geniom Biochip mRNA Shewanella frigidimarina NCIMB 400   | 8              | NCBI   |
| P5641       | Geniom Biochip mRNA Shewanella halifaxensis HAW EB4      | 8              | NCBI   |
| P5642       | Geniom Biochip mRNA Shewanella loihica PV-4              | 8              | NCBI   |
| P5643       | Geniom Biochip mRNA Shewanella MR-4                      | 8              | NCBI   |
| P5644       | Geniom Biochip mRNA Shewanella MR-7                      | 8              | NCBI   |
| P5645       | Geniom Biochip mRNA Shewanella oneidensis                | 8              | NCBI   |
| P5646       | Geniom Biochip mRNA Shewanella pealeana ATCC 700345      | 8              | NCBI   |
| P5647       | Geniom Biochip mRNA Shewanella piezotolerans WP3         | 8              | NCBI   |
| P5648       | Geniom Biochip mRNA Shewanella putrefaciens CN-32        | 8              | NCBI   |
| P5649       | Geniom Biochip mRNA Shewanella sediminis HAW-EB3         | 8              | NCBI   |
| P5650       | Geniom Biochip mRNA Shewanella W3-18-1                   | 8              | NCBI   |
| P5651       | Geniom Biochip mRNA Shewanella woodyi ATCC 51908         | 8              | NCBI   |
| P5652       | Geniom Biochip mRNA Shigella boydii CDC 3083 94          | 8              | NCBI   |
| P5653       | Geniom Biochip mRNA Shigella boydii Sb227                | 8              | NCBI   |
| P5654       | Geniom Biochip mRNA Shigella dysenteriae                 | 8              | NCBI   |
| P5655       | Geniom Biochip mRNA Shigella flexneri 2a                 | 8              | NCBI   |
| P5656       | Geniom Biochip mRNA Shigella flexneri 2a 2457T           | 8              | NCBI   |
| P5657       | Geniom Biochip mRNA Shigella flexneri 5 8401             | 8              | NCBI   |
| P5658       | Geniom Biochip mRNA Shigella sonnei Ss046                | 8              | NCBI   |
| P5659       | Geniom Biochip mRNA Silicibacter pomeroyi DSS-3          | 8              | NCBI   |
| P5660       | Geniom Biochip mRNA Silicibacter TM1040                  | 8              | NCBI   |
| P5661       | Geniom Biochip mRNA Sinorhizobium medicae WSM419         | 8              | NCBI   |
| P5662       | Geniom Biochip mRNA Sinorhizobium meliloti               | 8              | NCBI   |
| P5663       | Geniom Biochip mRNA Sodalis glossinidius morsitans       | 8              | NCBI   |
| P5664       | Geniom Biochip mRNA Solibacter usitatus Ellin6076        | 8              | NCBI   |
| P5665       | Geniom Biochip mRNA Sorangium cellulosum So ce 56        | 8              | NCBI   |
| P5666       | Geniom Biochip mRNA Sphingomonas wittichii RW1           | 8              | NCBI   |
| P5667       | Geniom Biochip mRNA Sphingopyxis alaskensis RB2256       | 8              | NCBI   |
| P5668       | Geniom Biochip mRNA Staphylococcus aureus aureus MRSA252 | 8              | NCBI   |
| P5669       | Geniom Biochip mRNA Staphylococcus aureus aureus MSSA476 | 8              | NCBI   |
| P5670       | Geniom Biochip mRNA Staphylococcus aureus COL            | 8              | NCBI   |
| P5671       | Geniom Biochip mRNA Staphylococcus aureus JH1            | 8              | NCBI   |
| P5672       | Geniom Biochip mRNA Staphylococcus aureus JH9            | 8              | NCBI   |
| P5673       | Geniom Biochip mRNA Staphylococcus aureus Mu3            | 8              | NCBI   |
| P5674       | Geniom Biochip mRNA Staphylococcus aureus Mu50           | 8              | NCBI   |

| <b>Catalog no.</b> | <b>Name</b>  | <b>No. of samples</b> | <b>Source</b> |
|--------------------|--|-----------------------|---------------|
| P5675              | Geniom Biochip mRNA Staphylococcus aureus MW2                  | 8                     | NCBI          |
| P5676              | Geniom Biochip mRNA Staphylococcus aureus N315                 | 8                     | NCBI          |
| P5677              | Geniom Biochip mRNA Staphylococcus aureus NCTC 8325            | 8                     | NCBI          |
| P5678              | Geniom Biochip mRNA Staphylococcus aureus Newman               | 8                     | NCBI          |
| P5679              | Geniom Biochip mRNA Staphylococcus aureus RF122                | 8                     | NCBI          |
| P5680              | Geniom Biochip mRNA Staphylococcus aureus USA300               | 8                     | NCBI          |
| P5681              | Geniom Biochip mRNA Staphylococcus aureus USA300 TCH1516       | 8                     | NCBI          |
| P5682              | Geniom Biochip mRNA Staphylococcus epidermidis ATCC 12228      | 8                     | NCBI          |
| P5683              | Geniom Biochip mRNA Staphylococcus epidermidis RP62A           | 8                     | NCBI          |
| P5684              | Geniom Biochip mRNA Staphylococcus haemolyticus                | 8                     | NCBI          |
| P5685              | Geniom Biochip mRNA Staphylococcus saprophyticus               | 8                     | NCBI          |
| P5686              | Geniom Biochip mRNA Staphylothermus marinus F1                 | 8                     | NCBI          |
| P5687              | Geniom Biochip mRNA Stenotrophomonas maltophilia K279a         | 8                     | NCBI          |
| P5688              | Geniom Biochip mRNA Stenotrophomonas maltophilia R551 3        | 8                     | NCBI          |
| P5689              | Geniom Biochip mRNA Streptococcus agalactiae 2603              | 8                     | NCBI          |
| P5690              | Geniom Biochip mRNA Streptococcus agalactiae A909              | 8                     | NCBI          |
| P5691              | Geniom Biochip mRNA Streptococcus agalactiae NEM316            | 8                     | NCBI          |
| P5692              | Geniom Biochip mRNA Streptococcus equi zooepidemicus MGCS10565 | 8                     | NCBI          |
| P5693              | Geniom Biochip mRNA Streptococcus gordonii Challis substr CH1  | 8                     | NCBI          |
| P5694              | Geniom Biochip mRNA Streptococcus mutans                       | 8                     | NCBI          |
| P5695              | Geniom Biochip mRNA Streptococcus pneumoniae CGSP14            | 8                     | NCBI          |
| P5696              | Geniom Biochip mRNA Streptococcus pneumoniae D39               | 8                     | NCBI          |
| P5697              | Geniom Biochip mRNA Streptococcus pneumoniae G54               | 8                     | NCBI          |
| P5698              | Geniom Biochip mRNA Streptococcus pneumoniae Hungary19A 6      | 8                     | NCBI          |
| P5699              | Geniom Biochip mRNA Streptococcus pneumoniae R6                | 8                     | NCBI          |
| P5700              | Geniom Biochip mRNA Streptococcus pneumoniae TIGR4             | 8                     | NCBI          |
| P5701              | Geniom Biochip mRNA Streptococcus pyogenes M1 GAS              | 8                     | NCBI          |
| P5702              | Geniom Biochip mRNA Streptococcus pyogenes Manfredo            | 8                     | NCBI          |
| P5703              | Geniom Biochip mRNA Streptococcus pyogenes MGAS10270           | 8                     | NCBI          |
| P5704              | Geniom Biochip mRNA Streptococcus pyogenes MGAS10394           | 8                     | NCBI          |
| P5705              | Geniom Biochip mRNA Streptococcus pyogenes MGAS10750           | 8                     | NCBI          |
| P5706              | Geniom Biochip mRNA Streptococcus pyogenes MGAS2096            | 8                     | NCBI          |
| P5707              | Geniom Biochip mRNA Streptococcus pyogenes MGAS315             | 8                     | NCBI          |
| P5708              | Geniom Biochip mRNA Streptococcus pyogenes MGAS5005            | 8                     | NCBI          |
| P5709              | Geniom Biochip mRNA Streptococcus pyogenes MGAS6180            | 8                     | NCBI          |
| P5710              | Geniom Biochip mRNA Streptococcus pyogenes MGAS8232            | 8                     | NCBI          |
| P5711              | Geniom Biochip mRNA Streptococcus pyogenes MGAS9429            | 8                     | NCBI          |

| Catalog no. | Name   | No. of samples | Source |
|-------------|--|----------------|--------|
| P5712       | Geniom Biochip mRNA Streptococcus pyogenes NZ131                   | 8              | NCBI   |
| P5713       | Geniom Biochip mRNA Streptococcus pyogenes SSI-1                   | 8              | NCBI   |
| P5714       | Geniom Biochip mRNA Streptococcus sanguinis SK36                   | 8              | NCBI   |
| P5715       | Geniom Biochip mRNA Streptococcus suis 05ZYH33                     | 8              | NCBI   |
| P5716       | Geniom Biochip mRNA Streptococcus suis 98HAH33                     | 8              | NCBI   |
| P5717       | Geniom Biochip mRNA Streptococcus thermophilus CNRZ1066            | 8              | NCBI   |
| P5718       | Geniom Biochip mRNA Streptococcus thermophilus LMD-9               | 8              | NCBI   |
| P5719       | Geniom Biochip mRNA Streptococcus thermophilus LMG 18311           | 8              | NCBI   |
| P5720       | Geniom Biochip mRNA Streptomyces avermitilis                       | 8              | NCBI   |
| P5721       | Geniom Biochip mRNA Streptomyces coelicolor                        | 8              | NCBI   |
| P5722       | Geniom Biochip mRNA Streptomyces griseus NBRC 13350                | 8              | NCBI   |
| P5723       | Geniom Biochip mRNA Sulfolobus acidocaldarius DSM 639              | 8              | NCBI   |
| P5724       | Geniom Biochip mRNA Sulfolobus solfataricus                        | 8              | NCBI   |
| P5725       | Geniom Biochip mRNA Sulfolobus tokodaii                            | 8              | NCBI   |
| P5726       | Geniom Biochip mRNA Sulfurihydrogenibium Y03AOP1                   | 8              | NCBI   |
| P5727       | Geniom Biochip mRNA Sulfurovum NBC37-1                             | 8              | NCBI   |
| P5728       | Geniom Biochip mRNA Symbiobacterium thermophilum IAM14863          | 8              | NCBI   |
| P5729       | Geniom Biochip mRNA Synechococcus CC9311                           | 8              | NCBI   |
| P5730       | Geniom Biochip mRNA Synechococcus CC9605                           | 8              | NCBI   |
| P5731       | Geniom Biochip mRNA Synechococcus CC9902                           | 8              | NCBI   |
| P5732       | Geniom Biochip mRNA Synechococcus elongatus PCC 6301               | 8              | NCBI   |
| P5733       | Geniom Biochip mRNA Synechococcus elongatus PCC 7942               | 8              | NCBI   |
| P5734       | Geniom Biochip mRNA Synechococcus PCC 7002                         | 8              | NCBI   |
| P5735       | Geniom Biochip mRNA Synechococcus RCC307                           | 8              | NCBI   |
| P5736       | Geniom Biochip mRNA Synechococcus sp WH8102                        | 8              | NCBI   |
| P5737       | Geniom Biochip mRNA Synechococcus WH 7803                          | 8              | NCBI   |
| P5738       | Geniom Biochip mRNA Synechocystis PCC6803                          | 8              | NCBI   |
| P5739       | Geniom Biochip mRNA Syntrophobacter fumaroxidans MPOB              | 8              | NCBI   |
| P5740       | Geniom Biochip mRNA Syntrophomonas wolfei Goettingen               | 8              | NCBI   |
| P5741       | Geniom Biochip mRNA Syntrophus aciditrophicus SB                   | 8              | NCBI   |
| P5742       | Geniom Biochip mRNA Thermoanaerobacter pseudethanolicus ATCC 33223 | 8              | NCBI   |
| P5743       | Geniom Biochip mRNA Thermoanaerobacter tengcongensis               | 8              | NCBI   |
| P5744       | Geniom Biochip mRNA Thermoanaerobacter X514                        | 8              | NCBI   |
| P5745       | Geniom Biochip mRNA Thermobifida fusca YX                          | 8              | NCBI   |
| P5746       | Geniom Biochip mRNA Thermococcus kodakaraensis KOD1                | 8              | NCBI   |
| P5747       | Geniom Biochip mRNA Thermococcus onnurineus NA1                    | 8              | NCBI   |
| P5748       | Geniom Biochip mRNA Thermodesulfobivrio yellowstonii DSM 11347     | 8              | NCBI   |

| Catalog no. | Name                |   | No. of samples | Source |
|-------------|---------------------|---|----------------|--------|
| P5749       | Geniom Biochip mRNA | <i>Thermofilum pendens</i> Hrk 5                                | 8              | NCBI   |
| P5750       | Geniom Biochip mRNA | <i>Thermoplasma acidophilum</i>                                 | 8              | NCBI   |
| P5751       | Geniom Biochip mRNA | <i>Thermoplasma volcanium</i>                                   | 8              | NCBI   |
| P5752       | Geniom Biochip mRNA | <i>Thermoproteus neutrophilus</i> V24Sta                        | 8              | NCBI   |
| P5753       | Geniom Biochip mRNA | <i>Thermosiphon melanesiensis</i> BI429                         | 8              | NCBI   |
| P5754       | Geniom Biochip mRNA | <i>Thermosynechococcus elongatus</i>                            | 8              | NCBI   |
| P5755       | Geniom Biochip mRNA | <i>Thermotoga lettingae</i> TMO                                 | 8              | NCBI   |
| P5756       | Geniom Biochip mRNA | <i>Thermotoga maritima</i>                                      | 8              | NCBI   |
| P5757       | Geniom Biochip mRNA | <i>Thermotoga petrophila</i> RKU-1                              | 8              | NCBI   |
| P5758       | Geniom Biochip mRNA | <i>Thermotoga</i> RQ2   | 8              | NCBI   |
| P5759       | Geniom Biochip mRNA | <i>Thermus thermophilus</i> HB27                                | 8              | NCBI   |
| P5760       | Geniom Biochip mRNA | <i>Thermus thermophilus</i> HB8                                 | 8              | NCBI   |
| P5761       | Geniom Biochip mRNA | <i>Thiobacillus denitrificans</i> ATCC 25259                    | 8              | NCBI   |
| P5762       | Geniom Biochip mRNA | <i>Thiomicrospira crunogena</i> XCL-2                           | 8              | NCBI   |
| P5763       | Geniom Biochip mRNA | <i>Thiomicrospira denitrificans</i> ATCC 33889                  | 8              | NCBI   |
| P5764       | Geniom Biochip mRNA | <i>Treponema denticola</i> ATCC 35405                           | 8              | NCBI   |
| P5765       | Geniom Biochip mRNA | <i>Treponema pallidum</i>                                       | 8              | NCBI   |
| P5766       | Geniom Biochip mRNA | <i>Treponema pallidum</i> SS14                                  | 8              | NCBI   |
| P5767       | Geniom Biochip mRNA | <i>Trichodesmium erythraeum</i> IMS101                          | 8              | NCBI   |
| P5768       | Geniom Biochip mRNA | <i>Tropheryma whipplei</i> TW08 27                              | 8              | NCBI   |
| P5769       | Geniom Biochip mRNA | <i>Tropheryma whipplei</i> Twist                                | 8              | NCBI   |
| P5770       | Geniom Biochip mRNA | uncultured methanogenic archaeon RC-1                           | 8              | NCBI   |
| P5771       | Geniom Biochip mRNA | <i>Ureaplasma parvum</i> serovar 3 ATCC 27815                   | 8              | NCBI   |
| P5772       | Geniom Biochip mRNA | <i>Ureaplasma urealyticum</i>                                   | 8              | NCBI   |
| P5773       | Geniom Biochip mRNA | <i>Ureaplasma urealyticum</i> serovar 10 ATCC 33699             | 8              | NCBI   |
| P5774       | Geniom Biochip mRNA | <i>Verminephrobacter eiseniae</i> EF01-2                        | 8              | NCBI   |
| P5775       | Geniom Biochip mRNA | <i>Vibrio cholerae</i>  | 8              | NCBI   |
| P5776       | Geniom Biochip mRNA | <i>Vibrio cholerae</i> O395                                     | 8              | NCBI   |
| P5777       | Geniom Biochip mRNA | <i>Vibrio fischeri</i> ES114                                    | 8              | NCBI   |
| P5778       | Geniom Biochip mRNA | <i>Vibrio fischeri</i> MJ11                                     | 8              | NCBI   |
| P5779       | Geniom Biochip mRNA | <i>Vibrio harveyi</i> ATCC BAA-1116                             | 8              | NCBI   |
| P5780       | Geniom Biochip mRNA | <i>Vibrio parahaemolyticus</i>                                  | 8              | NCBI   |
| P5781       | Geniom Biochip mRNA | <i>Vibrio vulnificus</i> CMCP6                                  | 8              | NCBI   |
| P5782       | Geniom Biochip mRNA | <i>Vibrio vulnificus</i> YJ016                                  | 8              | NCBI   |
| P5783       | Geniom Biochip mRNA | <i>Wigglesworthia brevipalpis</i>                               | 8              | NCBI   |
| P5784       | Geniom Biochip mRNA | <i>Wolbachia</i> endosymbiont of <i>Brugia malayi</i> TRS       | 8              | NCBI   |
| P5785       | Geniom Biochip mRNA | <i>Wolbachia</i> endosymbiont of <i>Drosophila melanogaster</i> | 8              | NCBI   |

| Catalog no. | Name   | No. of samples | Source |
|-------------|--|----------------|--------|
| P5786       | Geniom Biochip mRNA Wolbachia pipientis                      | 8              | NCBI   |
| P5787       | Geniom Biochip mRNA Wolinella succinogenes                   | 8              | NCBI   |
| P5788       | Geniom Biochip mRNA Xanthobacter autotrophicus Py2           | 8              | NCBI   |
| P5789       | Geniom Biochip mRNA Xanthomonas campestris 8004              | 8              | NCBI   |
| P5790       | Geniom Biochip mRNA Xanthomonas campestris ATCC 33913        | 8              | NCBI   |
| P5791       | Geniom Biochip mRNA Xanthomonas campestris B100              | 8              | NCBI   |
| P5792       | Geniom Biochip mRNA Xanthomonas campestris vesicatoria 85-10 | 8              | NCBI   |
| P5793       | Geniom Biochip mRNA Xanthomonas citri                        | 8              | NCBI   |
| P5794       | Geniom Biochip mRNA Xanthomonas oryzae KACC10331             | 8              | NCBI   |
| P5795       | Geniom Biochip mRNA Xanthomonas oryzae MAFF 311018           | 8              | NCBI   |
| P5796       | Geniom Biochip mRNA Xanthomonas oryzae PXO99A                | 8              | NCBI   |
| P5797       | Geniom Biochip mRNA Xylella fastidiosa                       | 8              | NCBI   |
| P5798       | Geniom Biochip mRNA Xylella fastidiosa M12                   | 8              | NCBI   |
| P5799       | Geniom Biochip mRNA Xylella fastidiosa M23                   | 8              | NCBI   |
| P5800       | Geniom Biochip mRNA Xylella fastidiosa Temecula1             | 8              | NCBI   |
| P5801       | Geniom Biochip mRNA Yersinia enterocolitica 8081             | 8              | NCBI   |
| P5802       | Geniom Biochip mRNA Yersinia pestis Angola                   | 8              | NCBI   |
| P5803       | Geniom Biochip mRNA Yersinia pestis Antiqua                  | 8              | NCBI   |
| P5804       | Geniom Biochip mRNA Yersinia pestis biovar Microtus 91001    | 8              | NCBI   |
| P5805       | Geniom Biochip mRNA Yersinia pestis C092                     | 8              | NCBI   |
| P5806       | Geniom Biochip mRNA Yersinia pestis KIM                      | 8              | NCBI   |
| P5807       | Geniom Biochip mRNA Yersinia pestis Nepal516                 | 8              | NCBI   |
| P5808       | Geniom Biochip mRNA Yersinia pestis Pestoides F              | 8              | NCBI   |
| P5809       | Geniom Biochip mRNA Yersinia pseudotuberculosis IP 31758     | 8              | NCBI   |
| P5810       | Geniom Biochip mRNA Yersinia pseudotuberculosis IP32953      | 8              | NCBI   |
| P5811       | Geniom Biochip mRNA Yersinia pseudotuberculosis PB1          | 8              | NCBI   |
| P5812       | Geniom Biochip mRNA Yersinia pseudotuberculosis YPIII        | 8              | NCBI   |
| P5813       | Geniom Biochip mRNA Zymomonas mobilis ZM4                    | 8              | NCBI   |

#### CATALOG GENIOM PATHWAY BIOCHIPS

| Catalog no. | Name   | No. of samples | Source |
|-------------|--|----------------|--------|
| P5850       | Geniom Biochip mRNA Calcium signaling pathway  | 8              | KEGG   |
| P5851       | Geniom Biochip mRNA ErbB signaling pathway     | 8              | KEGG   |
| P5852       | Geniom Biochip mRNA Hedgehog signaling pathway | 8              | KEGG   |
| P5853       | Geniom Biochip mRNA Jak-STAT signaling pathway | 8              | KEGG   |

| Catalog no. | Name                |  | No. of samples | Source |
|-------------|---------------------|--|----------------|--------|
| P5854       | Geniom Biochip mRNA | MAPK signaling pathway                 | 8              | KEGG   |
| P5857       | Geniom Biochip mRNA | mTOR signaling pathway                 | 8              | KEGG   |
| P5858       | Geniom Biochip mRNA | Notch signaling pathway                | 8              | KEGG   |
| P5859       | Geniom Biochip mRNA | Phosphatidylinositol signaling pathway | 8              | KEGG   |
| P5860       | Geniom Biochip mRNA | TGF-beta signaling pathway             | 8              | KEGG   |
| P5861       | Geniom Biochip mRNA | Two-component system                   | 8              | KEGG   |
| P5862       | Geniom Biochip mRNA | VEGF signaling pathway                 | 8              | KEGG   |
| P5863       | Geniom Biochip mRNA | Wnt signaling pathway                  | 8              | KEGG   |
| P5865       | Geniom Biochip mRNA | Signal Transduction Pathways           | 4              | KEGG   |
| P5866       | Geniom Biochip mRNA | Metabolic Pathways                     | 4              | KEGG   |
| P5867       | Geniom Biochip mRNA | KEGG Pathways                          | 4              | KEGG   |
| P5868       | Geniom Biochip mRNA | KEGG Cancer Chip                       | 8              | KEGG   |
| P5869       | Geniom Biochip mRNA | KEGG Diseases Chip                     | 8              | KEGG   |

#### CATALOG GENIOM NON-CODING RNA BIOCHIPS

| Catalog no. | Name                |                                   | No. of samples | Source  |
|-------------|---------------------|-----------------------------------|----------------|---------|
| P5874       | Geniom Biochip mRNA | Homo sapiens: long non coding RNA | 8              | diverse |
| P5875       | Geniom Biochip mRNA | Mus musculus: long non-coding RNA | 8              | diverse |

#### CATALOG GENIOM SPECIAL APPLICATION BIOCHIPS

| Catalog no. | Name                |  | No. of samples | Source  |
|-------------|---------------------|--|----------------|---------|
| P5864       | Geniom Biochip mRNA | Human Cancer Genes 2Mb                         | 8              | NCBI    |
| P5873       | Geniom Biochip mRNA | Homo sapiens: most relevant miRNA target genes | 8              | diverse |

#### CATALOG GENIOM BIOCHIPS mRNA (WHOLE GENOME EXPRESSION) EUKARYOTES

| Catalog no.  | Name                |                              | No. of samples | Source          |
|--------------|---------------------|------------------------------|----------------|-----------------|
| <b>Fungi</b> |                     |                              |                |                 |
| P5012        | Geniom Biochip mRNA | Ashbya gossypii ATCC 10895   | 8              | NCBI            |
| P5013        | Geniom Biochip mRNA | Aspergillus clavatus NRRL 1  | 8              | NCBI            |
| P5014        | Geniom Biochip mRNA | Aspergillus fumigatus        | 8              | NCBI            |
| P5015        | Geniom Biochip mRNA | Aspergillus nidulans FGSC A4 | 8              | NCBI            |
| P5016        | Geniom Biochip mRNA | Aspergillus nidulans FGSC A4 | 8              | Broad Institute |
| P5017        | Geniom Biochip mRNA | Aspergillus niger CBS 513.88 | 8              | NCBI            |

| Catalog no.          | Name  | No. of samples | Source          |
|----------------------|---|----------------|-----------------|
| P5018                | Geniom Biochip mRNA Aspergillus terreus                           | 8              | Broad Institute |
| P5019                | Geniom Biochip mRNA Candida albicans SC5314                       | 8              | NCBI            |
| P5020                | Geniom Biochip mRNA Candida glabrata CBS138                       | 8              | NCBI            |
| P5021                | Geniom Biochip mRNA Cryptococcus neoformans var. neoformans JEC21 | 8              | NCBI            |
| P5022                | Geniom Biochip mRNA Debaryomyces hansenii CBS767                  | 8              | NCBI            |
| P5023                | Geniom Biochip mRNA Encephalitozoon cuniculi GB-M1                | 8              | NCBI            |
| P5024                | Geniom Biochip mRNA Fusarium graminearum                          | 8              | Broad Institute |
| P5025                | Geniom Biochip mRNA Gibberella zeae PH.1                          | 8              | NCBI            |
| P5026                | Geniom Biochip mRNA Kluyveromyces lactis NRRL Y-1140              | 8              | NCBI            |
| P5027                | Geniom Biochip mRNA Magnaporthe grisea 70-15                      | 8              | NCBI            |
| P5029                | Geniom Biochip mRNA Pichia stipitis CBS 6054                      | 8              | NCBI            |
| P5030                | Geniom Biochip mRNA Saccharomyces cerevisiae                      | 8              | NCBI            |
| P5031                | Geniom Biochip mRNA Schizosaccharomyces pombe 972h-               | 8              | NCBI            |
| P5033                | Geniom Biochip mRNA Yarrowia lipolytica CLIB122                   | 8              | NCBI            |
| <b>Plant</b>         |   |                |                 |
| P5817                | Geniom Biochip mRNA Arabidopsis thaliana                          | 2              | NCBI            |
| P5822                | Geniom Biochip mRNA Oryza sativa                                  | 4              | NCBI            |
| P5001                | Geniom Biochip mRNA Ostreococcus lucimarinus CCE9901              | 8              | NCBI            |
| <b>Invertebrates</b> |   |                |                 |
| P5828                | Geniom Biochip mRNA Caenorhabditis elegans                        | 4              | NCBI            |
| P5829                | Geniom Biochip mRNA Drosophila melanogaster                       | 4              | NCBI            |
| P5836                | Geniom Biochip mRNA Tribolium castaneum                           | 8              | NCBI            |
| P5005                | Geniom Biochip mRNA Acyrthosiphon pisum                           | 8              | NCBI            |
| P5006                | Geniom Biochip mRNA Anopheles gambiae                             | 8              | NCBI            |
| P5007                | Geniom Biochip mRNA Apis mellifera                                | 8              | NCBI            |
| P5008                | Geniom Biochip mRNA Culex pipiens                                 | 8              | Vectorbase      |
| P5009                | Geniom Biochip mRNA Drosophila pseudobscura                       | 8              | NCBI            |
| P5010                | Geniom Biochip mRNA Nasonia vitripennis                           | 8              | NCBI            |
| P5011                | Geniom Biochip mRNA Tribolium castaneum                           | 8              | NCBI            |
| P5034                | Geniom Biochip mRNA Babesia bovis                                 | 8              | NCBI            |
| P5035                | Geniom Biochip mRNA Cryptosporidium hominis                       | 8              | NCBI            |
| P5036                | Geniom Biochip mRNA Giardia intestinalis                          | 8              | NCBI            |
| P5037                | Geniom Biochip mRNA Leishmania major                              | 8              | NCBI            |
| P5038                | Geniom Biochip mRNA Plasmodium falciparum                         | 8              | NCBI            |
| <b>Vertebrates</b>   |   |                |                 |
| P5837                | Geniom Biochip mRNA Canis lupus familiaris                        | 2              | NCBI            |
| P5839                | Geniom Biochip mRNA Danio rerio                                   | 4              | NCBI            |

| <b>Catalog no.</b> | <b>Name</b>         |                          | <b>No. of samples</b> | <b>Source</b> |
|--------------------|---------------------|--------------------------|-----------------------|---------------|
| P5840              | Geniom Biochip mRNA | Gallus gallus domesticus | 4                     | NCBI          |
| P5870              | Geniom Biochip mRNA | Homo sapiens             | 1                     | NCBI          |
| P5871              | Geniom Biochip mRNA | Homo sapiens             | 2                     | NCBI          |
| P5841              | Geniom Biochip mRNA | Homo sapiens             | 4                     | NCBI          |
| P5872              | Geniom Biochip mRNA | Mus musculus             | 2                     | NCBI          |
| P5843              | Geniom Biochip mRNA | Mus musculus             | 4                     | NCBI          |
| P5845              | Geniom Biochip mRNA | Rattus norvegicus        | 4                     | NCBI          |
| P5004              | Geniom Biochip mRNA | Sus scrofa               | 8                     | NCBI          |
| P5040              | Geniom Biochip mRNA | Xenopus tropicalis       | 8                     | NCBI          |