

prefix : <<http://purl.org/net/biordfmicroarray/ns#>>

##### gene list 1 ([http://public.tgen.org/tgen.org/supplementarydata/neurogenomics/supplementarydata/dunckley\\_etal/U133\\_plus\\_2.0\\_AD.xls](http://public.tgen.org/tgen.org/supplementarydata/neurogenomics/supplementarydata/dunckley_etal/U133_plus_2.0_AD.xls))

ex:gene1

```
:probeid      "225871_at" ;
:name         "six transmembrane epithelial antigen of prostate
2" ;
rdfs:label    "STEAP2" ;
rdf:type      :Gene ;
:gene_expression [
  :expression_at :Entorhinal_cortex ;
  :signal        "343.9" ;
  :expression_in ex:sample 1;
];
:gene_expression [
  :expression_at :Entorhinal_cortex ;
  :detection     "A" ;
  :expression_in ex:sample 1;
]
.
```

ex:sample1

```
:has_disease_state :Alzheimers_disease ;
:brain_region      :Entorhinal_cortex ;
rdfs:label         "AD tangle 1" ;
```

##### gene list 2 ([http://public.tgen.org/tgen.org/supplementarydata/neurogenomics/supplementarydata/brain\\_regions/PCA1\\_0\\_98\\_correlation.xls](http://public.tgen.org/tgen.org/supplementarydata/neurogenomics/supplementarydata/brain_regions/PCA1_0_98_correlation.xls))

ex:gene2

```
:probeid      "1556743_at" ;
rdfs:seeAlso   genbank:AI732587 ;
rdf:type      :Gene ;
:gene_expression [
  :expressed_at :Entorhinal_cortex ;
  :avg_signal   "75.34285714";
  :expressed_in ex:sample2 ;
];
:gene_expression [
  :expressed_at :Hippocampus ;
  :avg_signal   "68.73076923";
  :expressed_in ex:sample2 ;
];
:gene_expression [
  :expressed_at :Middle_temporal_gyrus ;
  :avg_signal   "56.40833333";
  :expressed_in ex:sample2 ;
];
```

```

:gene_expression [
  :expressed_at      :Posterior_cingulate_cortex ;
  :avg_signal        "80.41538462";
  :expressed_in      ex:sample2 ;
];
:gene_expression [
  :expressed_at      :Superior_frontal_gyrus ;
  :avg_signal        "159.9909091";
  :expressed_in      ex:sample2 ;
];
:gene_expression [
  :expressed_at      :Primary_visual_cortex ;
  :avg_signal        "112.8083333";
  :expressed_in      ex:sample2 ;
];

```

```

ex:sample2
### TODO

```

```

#### gene list 3 (http://public.tgen.org/tgen.org/supplementarydata/neurogenomics/supplementarydata/pcc/metabolism\_genes\_expression.xls)

```

```

ex:gene3
:probeid      "213738_s_at" ;
rdfs:seeAlso  genbank:AI587323 ;
rdfs:label    "ATP5A1" ;
rdf:type      :Gene ;
:gene_expression [
  :expressed_at      :Posterior_cingulate_cortex ;
  :uncorrected_pvalue "2.62885E-07";
  :expressed_in      ex:sample3 ;
];
:gene_expression [
  :expressed_at      :Posterior_cingulate_cortex ;
  :corrected_pvalue  "2.6313E-07";
  :expressed_in      ex:sample3 ;
];
:gene_expression [
  :expressed_at      :Posterior_cingulate_cortex ;
  :fold_value        "-4.357823608";
  :expressed_in      ex:sample3 ;
];
:gene_expression [
  :expressed_at      :Medial_temporal_gyrus ;
  :uncorrected_pvalue "0.000402211";
  :expressed_in      ex:sample3 ;
];
:gene_expression [

```

```

        :expressed_at      :Medial_temporal_gyrus  ;
        :corrected_pvalue  "0.000464139";
        :expressed_in     ex:sample3 ;
];
:gene_expression [
        :expressed_at      :Medial_temporal_gyrus  ;
        :fold_value        "-2.596072274";
        :expressed_in     ex:sample3 ;
];
:gene_expression [
        :expressed_at      :Hippocampus  ;
        :uncorrected_pvalue "0.000252897";
        :expressed_in     ex:sample3 ;
];
:gene_expression [
        :expressed_at      :Hippocampus  ;
        :corrected_pvalue  "0.00026906";
        :expressed_in     ex:sample3 ;
];
:gene_expression [
        :expressed_at      :Hippocampus  ;
        :fold_value        "-2.736378645";
        :expressed_in     ex:sample3 ;
];
:gene_expression [
        :expressed_at      :Entorhinal_cortex  ;
        :uncorrected_pvalue "0.106900284";
        :expressed_in     ex:sample3 ;
];
:gene_expression [
        :expressed_at      :Entorhinal_cortex  ;
        :corrected_pvalue  "0.17504362";
        :expressed_in     ex:sample3 ;
];
:gene_expression [
        :expressed_at      :Entorhinal_cortex  ;
        :fold_value        "-3.018780644";
        :expressed_in     ex:sample3 ;
];
:gene_expression [
        :expressed_at      :Primary_visual_cortex  ;
        :uncorrected_pvalue "0.035317677";
        :expressed_in     ex:sample3 ;
];
:gene_expression [
        :expressed_at      :Primary_visual_cortex  ;
        :corrected_pvalue  "0.045606615";
        :expressed_in     ex:sample3 ;
];
:gene_expression [

```

```
      :expressed_at      :Primary_visual_cortex ;
      :fold_value       "-1.488253573";
      :expressed_in     ex:sample3 ;
];
```