



**B**

| Protein 1                              | Protein 2                              | %    |
|--|--|------|
| Serine/threonine-e-protein kinase PIM1 | Serine/threonine-e-protein kinase PIM2 | 96.0 |
| Beta-secretase 1                       | Beta secretase 2                       | 95.6 |
| Carbonic anhydrase II                  | Carbonic anhydrase I                   | 94.7 |
| Cytochrome P450 11B2                   | Cytochrome P450 11B1                   | 93.9 |
| Serine/threonine-e-protein kinase PIM1 | Serine/threonine-e-protein kinase PIM3 | 93.4 |
| Alpha-2a adrenergic receptor           | Alpha-2b adrenergic receptor           | 92.6 |
| Dipeptidyl peptidase IV                | Dipeptidyl peptidase IX                | 92.4 |
| Carbonic anhydrase IX                  | Carbonic anhydrase XII                 | 90.6 |
| Dual specificit-y protein kinase CLK4  | Dual specificit-y protein kinase CLK2  | 89.5 |
| Endothelin receptor ET-A               | Endothelin receptor ET-B               | 89.3 |

| Protein 1                            | Protein 2                            | %    |
|--------------------------------------|--------------------------------------|------|
| Alpha-2c adrenergic receptor         | Alpha-2b adrenergic receptor         | 89.0 |
| Melatonin receptor 1A                | Melatonin receptor 1B                | 89.0 |
| Tyrosine-protein kinase JAK2         | Tyrosine-protein kinase TYK2         | 88.1 |
| Carbonic anhydrase IX                | Carbonic anhydrase XIV               | 88.0 |
| Fibroblast grow-th factor receptor 1 | Fibroblast grow-th factor receptor 2 | 87.3 |
| Glycogen syntha-se kinase-3 beta     | Glycogen syntha-se kinase-3 alpha    | 86.6 |
| Alpha-1a adrenergic receptor         | Alpha-1b adrenergic receptor         | 86.5 |
| Fibroblast grow-th factor receptor 3 | Fibroblast grow-th factor receptor 2 | 86.0 |
| Dipeptidyl peptidase IV              | Dipeptidyl peptidase VIII            | 86.0 |
| Alpha-2a adrenergic receptor         | Alpha-2c adrenergic receptor         | 85.8 |