| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SN | . sapien | musculu | uisetif | F. vesca | cerevisi | ypoclad | elanogas | chinens | oc BLS25 | . elegan | hermoph | thaliar |
| 1 | H. sapiens | 0.9862 | 0.859 | 0.7192 | 0.6644 | 0.6067 | 0.6576 | 0.6822 | 0.789 | 0.788 | 0.5875 | 0.7056 | 0.5664 |
| 2 | M. musculus | 0.859 | 0.9778 | 0.7591 | 0.6771 | 0.6339 | 0.6827 | 0.5905 | 0.7097 | 0.8014 | 0.8281 | 0.6334 | 0.7208 |
| 3 | C. equisetifolia | 0.7192 | 0.7591 | 0.9622 | 0.8641 | 0.8146 | 0.888 | 0.6535 | 0.5821 | 0.6744 | 0.6951 | 0.6287 | 0.6783 |
| 4 | F. vesca | 0.6644 | 0.6771 | 0.8641 | 0.9588 | 0.8742 | 0.7902 | 0.7872 | 0.7014 | 0.5691 | 0.7858 | 0.7035 | 0.7526 |
| 5 | S. cerevisiae | 0.6067 | 0.6339 | 0.8146 | 0.8742 | 0.8776 | 0.8655 | 0.705 | 0.7666 | 0.6727 | 0.8157 | 0.8925 | 0.7896 |
| 6 | Tolypocladium | 0.6576 | 0.6827 | 0.888 | 0.7902 | 0.8655 | 0.9 | 0.8029 | 0.8025 | 0.6389 | 0.6171 | 0.7883 | 0.6471 |
| 7 | D. melanogaster | 0.6822 | 0.5905 | 0.6535 | 0.7872 | 0.705 | 0.8029 | 0.876 | 0.7738 | 0.8063 | 0.8177 | 0.8877 | 0.832 |
| 8 | R. chinensis | 0.789 | 0.7097 | 0.5821 | 0.7014 | 0.7666 | 0.8025 | 0.7738 | 0.9364 | 0.7431 | 0.839 | 0.8012 | 0.7655 |
| 9 | Xoc BLS256 | 0.788 | 0.8014 | 0.6744 | 0.5691 | 0.6727 | 0.6389 | 0.8063 | 0.7431 | 0.9115 | 0.8218 | 0.8011 | 0.8315 |
| 10 | C. elegans | 0.5875 | 0.8281 | 0.6951 | 0.7858 | 0.8157 | 0.6171 | 0.8177 | 0.839 | 0.8218 | 0.9217 | 0.8584 | 0.7996 |
| 11 | T. thermophile | 0.7056 | 0.6334 | 0.6287 | 0.7035 | 0.8925 | 0.7883 | 0.8877 | 0.8012 | 0.8011 | 0.8584 | 0.9058 | 0.7618 |
| 12 | A. thaliana | 0.5664 | 0.7208 | 0.6783 | 0.7526 | 0.7896 | 0.6471 | 0.832 | 0.7655 | 0.8315 | 0.7996 | 0.7618 | 0.962 |
| 13 | H. sapiens | 0.6774 | 0.665 | 0.7945 | 0.6899 | 0.76 | 0.6023 | 0.7329 | 0.8593 | 0.8277 | 0.8599 | 0.8093 | 0.8205 |
| 14 | C. equisetifolia | 0.6657 | 0.7321 | 0.9032 | 0.8632 | 0.8452 | 0.7996 | 0.774 | 0.76 | 0.812 | 0.77 | 0.837 | 0.853 |
| 15 | F. vesca | 0.7122 | 0.5426 | 0.8865 | 0.9122 | 0.7945 | 0.7985 | 0.833 | 0.852 | 0.829 | 0.874 | 0.813 | 0.766 |
| 16 | S. cerevisiae | 0.6855 | 0.6845 | 0.7963 | 0.8863 | 0.8968 | 0.8536 | 0.755 | 0.824 | 0.784 | 0.796 | 0.81 | 0.746 |
| 17 | Tolypocladium | 0.5685 | 0.6235 | 0.8245 | 0.8365 | 0.8014 | 0.9122 | 0.751 | 0.753 | 0.761 | 0.799 | 0.747 | 0.75 |

-0.007

| | AUC | . sapien | musculu | uisetif | F. vesca | cerevisi | ypoclad | elanogas | chinens | oc BLS25 | . elegan | hermoph | thaliar |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | H. sapiens | 0.95 | 0.9 | 0.71 | 0.65 | 0.63 | 0.62 | 0.67 | 0.61 | 0.76 | 0.54 | 0.71 | 0.6 |
| 2 | M. musculus | 0.9 | 0.96 | 0.71 | 0.7 | 0.59 | 0.73 | 0.61 | 0.7 | 0.76 | 0.72 | 0.63 | 0.74 |
| 3 | C. equisetifolia | 0.71 | 0.71 | 0.93 | 0.9 | 0.84 | 0.92 | 0.65 | 0.63 | 0.64 | 0.71 | 0.65 | 0.69 |
| 4 | F. vesca | 0.65 | 0.7 | 0.9 | 0.93 | 0.87 | 0.74 | 0.83 | 0.73 | 0.76 | 0.75 | 0.74 | 0.73 |
| 5 | S. cerevisiae | 0.63 | 0.59 | 0.84 | 0.87 | 0.85 | 0.91 | 0.7 | 0.76 | 0.71 | 0.82 | 0.87 | 0.78 |
| 6 | Tolypocladium | 0.62 | 0.73 | 0.92 | 0.74 | 0.91 | 0.9 | 0.76 | 0.83 | 0.63 | 0.66 | 0.75 | 0.64 |
| 7 | D. melanogaster | 0.67 | 0.61 | 0.65 | 0.83 | 0.7 | 0.76 | 0.91 | 0.74 | 0.81 | 0.85 | 0.89 | 0.86 |
| 8 | R. chinensis | 0.61 | 0.7 | 0.63 | 0.73 | 0.76 | 0.83 | 0.74 | 0.92 | 0.75 | 0.83 | 0.77 | 0.78 |
| 9 | Xoc BLS256 | 0.76 | 0.76 | 0.64 | 0.76 | 0.71 | 0.63 | 0.81 | 0.75 | 0.9 | 0.8 | 0.79 | 0.79 |
| 10 | C. elegans | 0.54 | 0.72 | 0.71 | 0.75 | 0.82 | 0.66 | 0.85 | 0.83 | 0.8 | 0.9 | 0.89 | 0.84 |
| 11 | T. thermophile | 0.71 | 0.63 | 0.65 | 0.74 | 0.87 | 0.75 | 0.89 | 0.77 | 0.79 | 0.89 | 0.94 | 0.72 |
| 12 | A. thaliana | 0.6 | 0.74 | 0.69 | 0.73 | 0.78 | 0.64 | 0.86 | 0.78 | 0.79 | 0.84 | 0.72 | 0.95 |
| 13 | H. sapiens | 0.72 | 0.64 | 0.75 | 0.7 | 0.73 | 0.64 | 0.72 | 0.9 | 0.85 | 0.83 | 0.77 | 0.79 |
| 14 | C. equisetifolia | 0.7 | 0.71 | 0.88 | 0.91 | 0.87 | 0.75 | 0.82 | 0.8 | 0.77 | 0.74 | 0.88 | 0.83 |
| 15 | F. vesca | 0.7 | 0.54 | 0.84 | 0.92 | 0.81 | 0.77 | 0.79 | 0.8 | 0.87 | 0.83 | 0.84 | 0.78 |
| 16 | S. cerevisiae | 0.66 | 0.64 | 0.82 | 0.89 | 0.87 | 0.9 | 0.76 | 0.87 | 0.79 | 0.84 | 0.79 | 0.79 |
| 17 | Tolypocladium | 0.58 | 0.65 | 0.85 | 0.88 | 0.76 | 0.89 | 0.77 | 0.73 | 0.73 | 0.78 | 0.72 | 0.78 |

13

| I. sapien | uisetif | F. vesca | erevis | ypocladium |
|---|---|---|---|---|
| 0.6774 | 0.666 | 0.712 | 0.686 | 0.569 |
| 0.665 | 0.732 | 0.543 | 0.685 | 0.624 |
| 0.7945 | 0.903 | 0.887 | 0.796 | 0.825 |
| 0.6899 | 0.863 | 0.912 | 0.886 | 0.837 |
| 0.76 | 0.845 | 0.795 | 0.897 | 0.801 |
| 0.6023 | 0.8 | 0.799 | 0.854 | 0.912 |
| 0.7329 | 0.774 | 0.833 | 0.755 | 0.751 |
| 0.8593 | 0.76 | 0.852 | 0.824 | 0.753 |
| 0.8277 | 0.812 | 0.829 | 0.784 | 0.761 |
| 0.8599 | 0.77 | 0.874 | 0.796 | 0.799 |
| 0.8093 | 0.837 | 0.813 | 0.81 | 0.747 |
| 0.8205 | 0.853 | 0.766 | 0.746 | 0.75 |
| 0.9768 | 0.824 | 0.836 | 0.829 | 0.869 |
| 0.824 | 0.923 | 0.854 | 0.875 | 0.863 |
| 0.836 | 0.854 | 0.904 | 0.843 | 0.832 |
| 0.829 | 0.875 | 0.843 | 0.914 | 0.857 |
| 0.869 | 0.863 | 0.832 | 0.857 | 0.914 |

| I. sapien | uisetif | F. vesca | erevis | ypocladium |
|---|---|---|---|---|
| 0.72 | 0.7 | 0.7 | 0.7 | 0.6 |
| 0.64 | 0.7 | 0.5 | 0.6 | 0.7 |
| 0.75 | 0.9 | 0.8 | 0.8 | 0.8 |
| 0.7 | 0.9 | 0.9 | 0.9 | 0.9 |
| 0.73 | 0.9 | 0.8 | 0.9 | 0.8 |
| 0.64 | 0.8 | 0.8 | 0.9 | 0.9 |
| 0.72 | 0.8 | 0.8 | 0.8 | 0.8 |
| 0.9 | 0.8 | 0.8 | 0.9 | 0.7 |
| 0.85 | 0.8 | 0.9 | 0.8 | 0.7 |
| 0.83 | 0.7 | 0.8 | 0.8 | 0.8 |
| 0.77 | 0.9 | 0.8 | 0.8 | 0.7 |
| 0.79 | 0.8 | 0.8 | 0.8 | 0.8 |
| 0.93 | 0.8 | 0.9 | 0.8 | 0.9 |
| 0.83 | 0.9 | 0.8 | 0.9 | 0.8 |
| 0.86 | 0.8 | 0.9 | 0.8 | 0.8 |
| 0.81 | 0.9 | 0.8 | 0.9 | 0.9 |
| 0.86 | 0.8 | 0.8 | 0.9 | 0.9 |