

User
Input

Protein set A

(SwissProt, EMBL, GenBank,
PEDANT, SIMAP, FASTA, XML)

Protein set B

(SwissProt, EMBL, GenBank,
PEDANT, SIMAP, FASTA, XML)

IDs +sequences

IDs only

IDs only

IDs +sequences

PROMPT

Sequences are
retrieved automatically

A: IDs +
sequences

Web-
services

Query

DB

B: IDs +
sequences

Compare A and B by BLAST,
find equivalent sequences

Results

Set A	Set B
ID1	ID3
ID2	No equivalent
ID3	ID5

Mapped identifiers