ANIMAL
chicken

% IDENTICAL TO MOUSE

ANIMAL
fruit fly

% IDENTICAL TO MOUSE

PLANT
soybean

% IDENTICAL TO MOUSE

FUNGUS
yeast

% IDENTICAL TO MOUSE
ANIMAL
cow

TOPOISOMERASE 1 PROTEIN

% IDENTICAL TO MOUSE

ANIMAL
chimpanzee

TOPOISOMERASE 1 PROTEIN

% IDENTICAL TO MOUSE

ANIMAL
nematode

TOPOISOMERASE 1 PROTEIN

% IDENTICAL TO MOUSE

PLANT
moss

TOPOISOMERASE 1 PROTEIN

% IDENTICAL TO MOUSE
BACTERIA
Y. Pestis

ARCHAEA
M. jannaschii

% IDENTICAL TO MOUSE

© 2016 University of Utah
Comparing Amino Acid Sequences – Cards
ANIMAL
zebrafish

PLANT
moss

FUNGUS
penicillium

PROTIST
plasmodium

% IDENTICAL TO MOUSE

% IDENTICAL TO MOUSE

% IDENTICAL TO MOUSE

% IDENTICAL TO MOUSE
ANIMAL nematode

% IDENTICAL TO MOUSE

ANIMAL zebrafish

% IDENTICAL TO MOUSE

PLANT moss

% IDENTICAL TO MOUSE

PROTIST plasmodium

% IDENTICAL TO MOUSE

© 2016 University of Utah
**BACTERIA**

Y. pestis

**RECA PROTEIN**

Set J

% IDENTICAL TO MOUSE

**RECA PROTEIN**

Set J

% IDENTICAL TO MOUSE

**BACTERIA**

E. coli

**RECA PROTEIN**

Set K

% IDENTICAL TO MOUSE

**RECA PROTEIN**

Set K

% IDENTICAL TO MOUSE

© 2016 University of Utah

Comparing Amino Acid Sequences – Cards
ANIMAL
chimpanzee

% IDENTICAL TO MOUSE

FUNGUS
yeast

% IDENTICAL TO MOUSE

PLANT
corn

% IDENTICAL TO MOUSE

ARCHAEA
M. jannaschii

% IDENTICAL TO MOUSE