

A

```

sub annotation_classifier {
  my $annot = shift;
  return $annot =~ /(rna|nuclear)/;
}

sub sequence_classifier {
  my $seq = shift;
  return 0.0566 > (num_matches($seq, 'R[KN]') *
    ((num_matches($seq, 'K[HQ]') *
      abs(num_matches($seq, 'SE')) *
      num_matches($seq, 'K[EQ]') *
      (num_matches($seq, '([EQ]){1,}Q') *
        num_matches($seq, '^([ACDEFGHIKLPQRSTUVWXYZ]) -
          1) / log(abs(8)) * 0.1580) -
          1) - 1) - 4);
}

```

C

```

sub annotation_classifier {
  my $annot = shift;
  return $annot =~ /secreted/;
}

sub sequence_classifier {
  my $seq = shift;
  return abs((num_matches($seq, '^([ACDEIKLPQTVY]) -
    num_matches($seq, '[IQ]($')) >
    num_matches($seq, 'I(AEKM)[^T]');
}

```

E

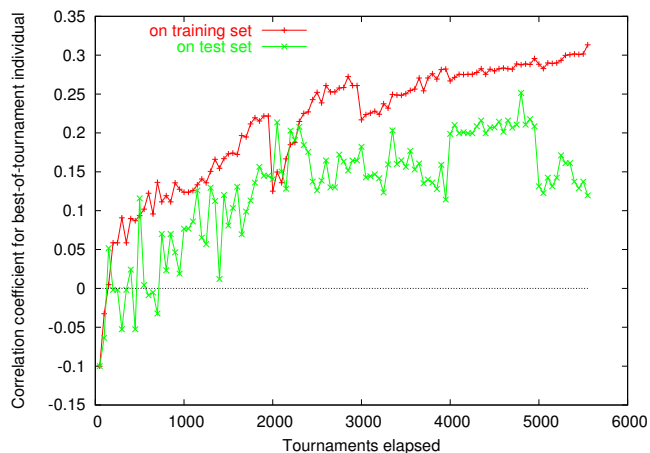
```

sub annotation_classifier {
  my $annot = shift;
  return $annot =~ /transcription/;
}

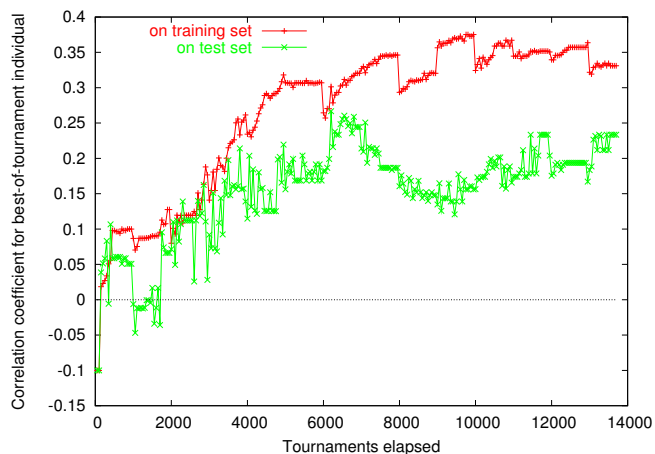
sub sequence_classifier {
  my $seq = shift;
  return num_matches($seq, 'P') *
    num_matches($seq, 'DD') *
    ((abs(abs(9)) * num_matches($seq, 'DD') *
      num_matches($seq, '(Q){2,6}[EFMQW][ADEIMNPW]') -
      0.2619) * num_matches($seq, 'P') -
      abs(num_matches($seq, '((Q){2,6}[EFMQW]){1,2}')) *
      abs(num_matches($seq, 'DD') *
        abs(num_matches($seq, 'D(AE]')) *
        num_matches($seq, '[EHI]D') *
        abs(abs(num_matches($seq, '[EFQW]D')) *
          num_matches($seq, '[NS]D') >
            0.1002;
}

```

B



D



F

