# E-value test result on 27 Aug, 2014

## PTM 0, complete matches

| Item | Number |expected|

|:-------------:| :-----:| :-----:|

|Total|936|

| Target ID | 872 |

|Decoy ID | 64 |

|Target ID with e-value larger than 0.1 | 102 |

|Target ID with e-value larger than 0.01| 133|

|Decoy ID with e-value <= 0.1 | 3 | 20 |

|Decoy ID with e-value <= 0.01 | 0 | 2 |

## PTM 0, prefix matches

| Item | Number |

|:-------------:| :-----:|

|Total|1996|

| Target ID | 1002 |

|Decoy ID | 994 |

|Target ID with e-value larger than 0.1 | 971 |

|Target ID with e-value larger than 0.01| 976|

|Decoy ID with e-value <= 0.1 | 5 expected 100 |

|Decoy ID with e-value <= 0.01| 0 expected 10 |

## PTM 0, suffix matches

| Item | Number |

|:-------------:| :-----:|

|Total|1945|

| Target ID | 1248 |

|Decoy ID | 697 |

|Target ID with e-value larger than 0.1 | 758 |

|Target ID with e-value larger than 0.01| 782|

|Decoy ID with e-value <= 0.1 | 4 |

|Decoy ID with e-value <= 0.01| 0 |

## PTM 0, internal matches

| Item | Number |

|:-------------:| :-----:|

|Total|2025|

| Target ID | 1021 |

|Decoy ID | 1004 |

|Target ID with e-value larger than 0.1 | 990 |

|Target ID with e-value larger than 0.01| 995|

|Decoy ID with e-value <= 0.1 | 3 |

|Decoy ID with e-value <= 0.01| 0 |

## PTM 1, complete matches

| Item | Number |

|:-------------:| :-----:|

|Total|2001|

| Target ID | 1582 |

|Decoy ID | 419 |

|Target ID with e-value larger than 0.1 | 545 |

|Target ID with e-value larger than 0.01| 597|

|Decoy ID with e-value <= 0.1 | 0 |

|Decoy ID with e-value <= 0.01| 0 |

## PTM 1, prefix matches

| Item | Number |

|:-------------:| :-----:|

|Total|2002|

| Target ID | 1378 |

|Decoy ID | 624 |

|Target ID with e-value larger than 0.1 | 795 |

|Target ID with e-value larger than 0.01| 847|

|Decoy ID with e-value <= 0.1 | 0 |

|Decoy ID with e-value <= 0.01| 0 |

## PTM 1, suffix matches

| Item | Number |

|:-------------:| :-----:|

|Total|2005|

| Target ID | 1555 |

|Decoy ID | 450 |

|Target ID with e-value larger than 0.1 | 703 |

|Target ID with e-value larger than 0.01| 767|

|Decoy ID with e-value <= 0.1 | 0 |

|Decoy ID with e-value <= 0.01| 0 |

## PTM 1, internal matches

| Item | Number |

|:-------------:| :-----:|

|Total|1996|

| Target ID | 1309 |

|Decoy ID | 687 |

|Target ID with e-value larger than 0.1 | 996 |

|Target ID with e-value larger than 0.01| 1031|

|Decoy ID with e-value <= 0.1 | 0 |

|Decoy ID with e-value <= 0.01| 0 |

## PTM 2, complete matches

| Item | Number |

|:-------------:| :-----:|

|Total|2025|

| Target ID | 1601 |

|Decoy ID | 424 |

|Target ID with e-value larger than 0.1 | 550 |

|Target ID with e-value larger than 0.01| 600|

|Decoy ID with e-value <= 0.1 | 0 |

|Decoy ID with e-value <= 0.01| 0 |

## PTM 2, prefix matches

| Item | Number |

|:-------------:| :-----:|

|Total|2015|

| Target ID | 1465 |

|Decoy ID | 550 |

|Target ID with e-value larger than 0.1 | 813 |

|Target ID with e-value larger than 0.01| 869|

|Decoy ID with e-value <= 0.1 | 0 |

|Decoy ID with e-value <= 0.01| 0 |

## PTM 2, suffix matches

| Item | Number |

|:-------------:| :-----:|

|Total|2016|

| Target ID | 1579 |

|Decoy ID | 437 |

|Target ID with e-value larger than 0.1 | 706 |

|Target ID with e-value larger than 0.01| 758|

|Decoy ID with e-value <= 0.1 | 0 |

|Decoy ID with e-value <= 0.01| 0 |

## PTM 2, internal matches

| Item | Number |

|:-------------:| :-----:|

|Total|2006|

| Target ID | 1443 |

|Decoy ID | 563 |

|Target ID with e-value larger than 0.1 | 980 |

|Target ID with e-value larger than 0.01| 1020|

|Decoy ID with e-value <= 0.1 | 0 |

|Decoy ID with e-value <= 0.01| 0 |

You can find the distributions of e-value from [here](https://iu.app.box.com/s/nqk5avh4pomj01so6im5).