

|                                                                                   | <u>Pathway</u>                       | <u>Posterior<br/>Probability</u> |
|-----------------------------------------------------------------------------------|--------------------------------------|----------------------------------|
|   | WNT                                  | 0.99                             |
|   | IGF1                                 | 0.99                             |
|   | AP1 TFs Activation                   | 0.98                             |
|   | G Protein Activation                 | 0.98                             |
|   | Acute Myeloid Leukemia               | 0.86                             |
|   | SMAD 2/3/4 Regulate<br>Transcription | 0.64                             |
|   | G2                                   | 0.58                             |
|   | Non small-cell lung cancer           | 0.57                             |
|  | Not Enriched                         | -                                |