|          | lilli  | drm    | aop    | cbt    | phol   |
|----------|--------|--------|--------|--------|--------|
| CG13775  |        |        |        |        |        |
| pdm2     |        |        |        |        |        |
| e1B      |        |        |        |        |        |
| Dif      |        |        |        |        |        |
| Jra      |        |        |        |        |        |
| cyc      |        |        |        |        |        |
| Su(z)12  |        |        |        |        |        |
| Rbf2     |        |        |        |        |        |
| sr       |        |        |        |        |        |
| Stat92E  | Eip75B |        |        |        |        |
| E2f1     | kin17  |        |        |        |        |
| zfh1     | ato    | C15    | ash1   |        |        |
| Sox100B  | bon    |        |        |        |        |
| Med      |        |        |        |        |        |
| Rbf      |        |        |        |        |        |
| bi       |        |        |        |        |        |
| CHES-1-like |       |        |        |        |        |
| sd       |        |        |        |        |        |
| Myb      |        |        |        |        |        |
| disco-r  |        |        |        |        |        |
|          |        |        |        |        |        |

|          | lilli  | drm    | aop    | cbt    | phol   |
|----------|--------|--------|--------|--------|--------|
| CG17612  |        |        |        |        |        |
| E2f2     |        |        |        |        |        |
| Clamp    |        |        |        |        |        |
| d4       |        |        |        |        |        |
| Br140    |        |        |        |        |        |
| vis      |        |        |        |        |        |
| Psc      |        |        |        |        |        |
| mip120   |        |        |        |        |        |
| row      |        |        |        |        |        |
| Eip75B   |        |        |        |        |        |
| CG9890   |        |        |        |        |        |
| CG15011  |        |        |        |        |        |
| fd68A    |        |        |        |        |        |
| ash1     |        |        |        |        |        |
| Sox15    |        |        |        |        |        |
| Blos1    |        |        |        |        |        |
| CG8089   |        |        |        |        |        |
| CG10543  |        |        |        |        |        |
| C15      |        |        |        |        |        |
| Gnf1     |        |        |        |        |        |
| CG2120   |        |        |        |        |        |
| Her      |        |        |        |        |        |
| Kdm2     |        |        |        |        |        |
| svp      |        |        |        |        |        |
| MBD-R2   |        |        |        |        |        |
| pnr      |        |        |        |        |        |
| Ets98B   |        |        |        |        |        |
| woc      |        |        |        |        |        |
| Ets98B   |        |        |        |        |        |
| hng3     |        |        |        |        |        |
| wdn      |        |        |        |        |        |
| yem      |        |        |        |        |        |
| CG12054  |        |        |        |        |        |

|          | lilli  | drm    | aop    | cbt    | phol   |
|----------|--------|--------|--------|--------|--------|
| CG17612  |        |        |        |        |        |
| E2f2     |        |        |        |        |        |
| Clamp    |        |        |        |        |        |
| d4       |        |        |        |        |        |
| Br140    |        |        |        |        |        |
| vis      |        |        |        |        |        |
| Psc      |        |        |        |        |        |
| mip120   |        |        |        |        |        |
| row      |        |        |        |        |        |
| Eip75B   |        |        |        |        |        |
| CG9890   |        |        |        |        |        |
| CG15011  |        |        |        |        |        |
| fd68A    |        |        |        |        |        |
| ash1     |        |        |        |        |        |
| Sox15    |        |        |        |        |        |
| Blos1    |        |        |        |        |        |
| CG8089   |        |        |        |        |        |
| CG10543  |        |        |        |        |        |
| C15      |        |        |        |        |        |
| Gnf1     |        |        |        |        |        |
| CG2120   |        |        |        |        |        |
| Her      |        |        |        |        |        |
| Kdm2     |        |        |        |        |        |
| svp      |        |        |        |        |        |
| MBD-R2   |        |        |        |        |        |
| pnr      |        |        |        |        |        |
| Ets98B   |        |        |        |        |        |
| woc      |        |        |        |        |        |
| Ets98B   |        |        |        |        |        |
| hng3     |        |        |        |        |        |
| wdn      |        |        |        |        |        |
| yem      |        |        |        |        |        |
| CG12054  |        |        |        |        |        |

A

|          | lilli  | drm    | aop    | cbt    | phol   |
|----------|--------|--------|--------|--------|--------|
| CG13775  |        |        |        |        |        |
| pdm2     |        |        |        |        |        |
| e1B      |        |        |        |        |        |
| Dif      |        |        |        |        |        |
| Jra      |        |        |        |        |        |
| cyc      |        |        |        |        |        |
| Su(z)12  |        |        |        |        |        |
| Rbf2     |        |        |        |        |        |
| sr       |        |        |        |        |        |
| Stat92E  | Eip75B |        |        |        |        |
| E2f1     | kin17  |        |        |        |        |
| zfh1     | ato    | C15    | ash1   |        |        |
| Sox100B  | bon    |        |        |        |        |
| Med      |        |        |        |        |        |
| Rbf      |        |        |        |        |        |
| bi       |        |        |        |        |        |
| CHES-1-like |       |        |        |        |        |
| sd       |        |        |        |        |        |
| Myb      |        |        |        |        |        |
| disco-r  |        |        |        |        |        |

B

|          | Fly Zebrafish | Fly Mouse | Fly |
|----------|--------------|-----------|-----|
| All genes| 268          | 300       | 1168|
| TFs      | 21           | 18        | 26  |

|          | %TFs | Fly |
|----------|------|-----|
| All genes| 7.84 |
| TFs      | 6    |

C

|          | Fly Zebrafish | Fly Mouse | Fly |
|----------|--------------|-----------|-----|
| TFs      | 21           | 18        | 26  |
| TFs with an enriched motif | 9 | 4 | 9 |

|          | %TFs | Fly |
|----------|------|-----|
| TFs      | 42.86|
| TFs with an enriched motif | 22.22 | 34.61 | 34.04 |