Compare selected clusters

```r
gene_fits <- fit_models(cds_subset[1:100,],
                        model_formula_str = "~cluster")
fit_coefs <- coefficient_table(gene_fits)


head(fit_coefs)
```

```
# A tibble: 6 x 10
  gene_short_name status term         estimate std_err test_val  p_value normalized_effect model_component   q_value
  <fct>           <chr>  <chr>           <dbl>   <dbl>    <dbl>    <dbl>             <dbl> <chr>               <dbl>
1 aap-1           OK     (Intercept)     -4.75   0.578    -8.21 2.56e-16                 0 count            1.51e-14
2 aap-1           OK     cluster35        0.109  1.08      0.101 9.20e- 1            0.0750 count            1.00e+ 0
3 aap-1           OK     cluster43      -13.6   536.      -0.0253 9.80e- 1           -0.900 count            1.00e+ 0
4 aap-1           OK     cluster45        0.789  0.688     1.15  2.51e- 1            0.640 count            1.00e+ 0
5 aap-1           OK     cluster54        0.157  0.783     0.200 8.41e- 1            0.109 count            1.00e+ 0
6 aap-1           OK     cluster60        1.31   0.643     2.03  4.25e- 2            1.17  count            1.00e+ 0
```

Find cluster markers

```
marker_genes <- top_markers(cds)

tops_sig <- subset(marker_genes, marker_test_q_value < .05)
```

```
> head(tops_sig)
        gene_id gene_short_name cell_group specificity  pseudo_R2 marker_test_p_value marker_test_q_value
10 WBGene00000029            abu-6         87  0.30568790 0.024827862        1.086772e-31        9.889626e-27
11 WBGene00000030            abu-7         81  0.30616068 0.047979108        5.821295e-55        5.297378e-50
12 WBGene00000034           abu-11          3  0.18860409 0.101019149        4.085220e-17        3.717550e-12
15 WBGene00000045            acr-6         88  0.34506461 0.005105376        4.184526e-08        3.807919e-03
16 WBGene00000047            acr-8         84  0.17041092 0.003837754        3.099326e-08        2.820387e-03
19 WBGene00000063            act-1         19  0.04139546 0.313420714        0.000000e+00        0.000000e+00
> |
```