

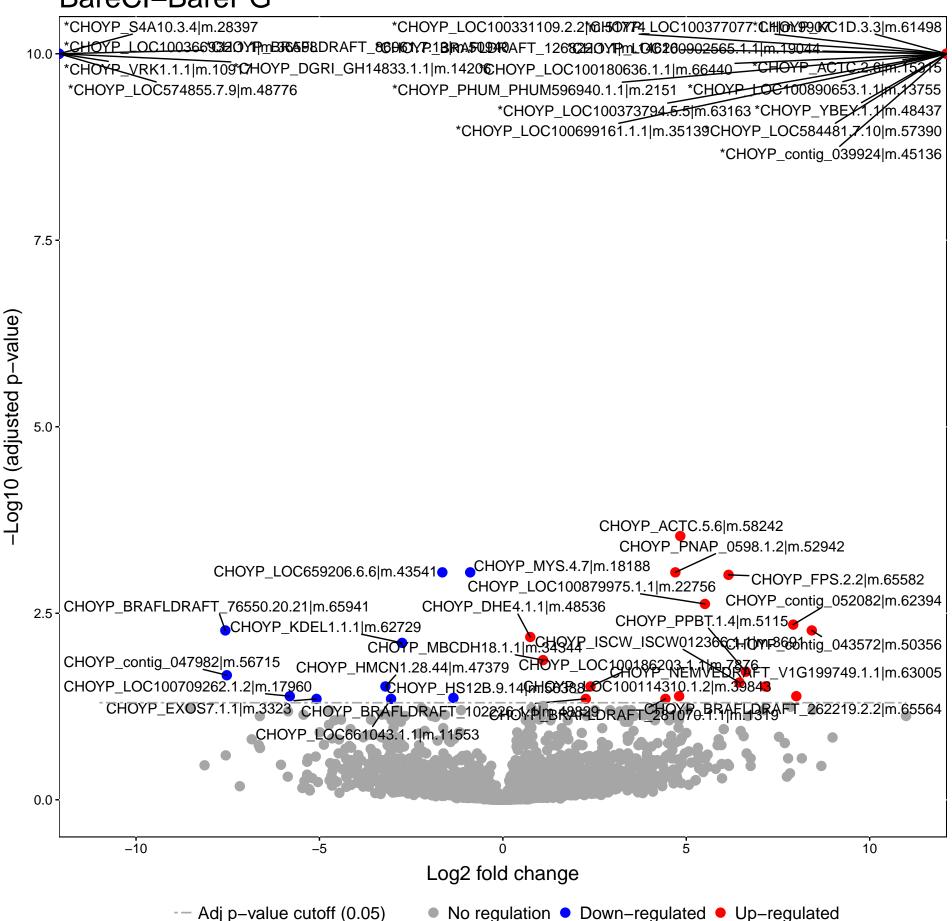
\*CHOYP\_LOC100554670.1.1|m.4865 \*CHOYP\_BRAFLDRAFT\_126822.\*CH0YP\_626C100890653.1.1|tc.H87455\_ACTC.2.6|m.15315

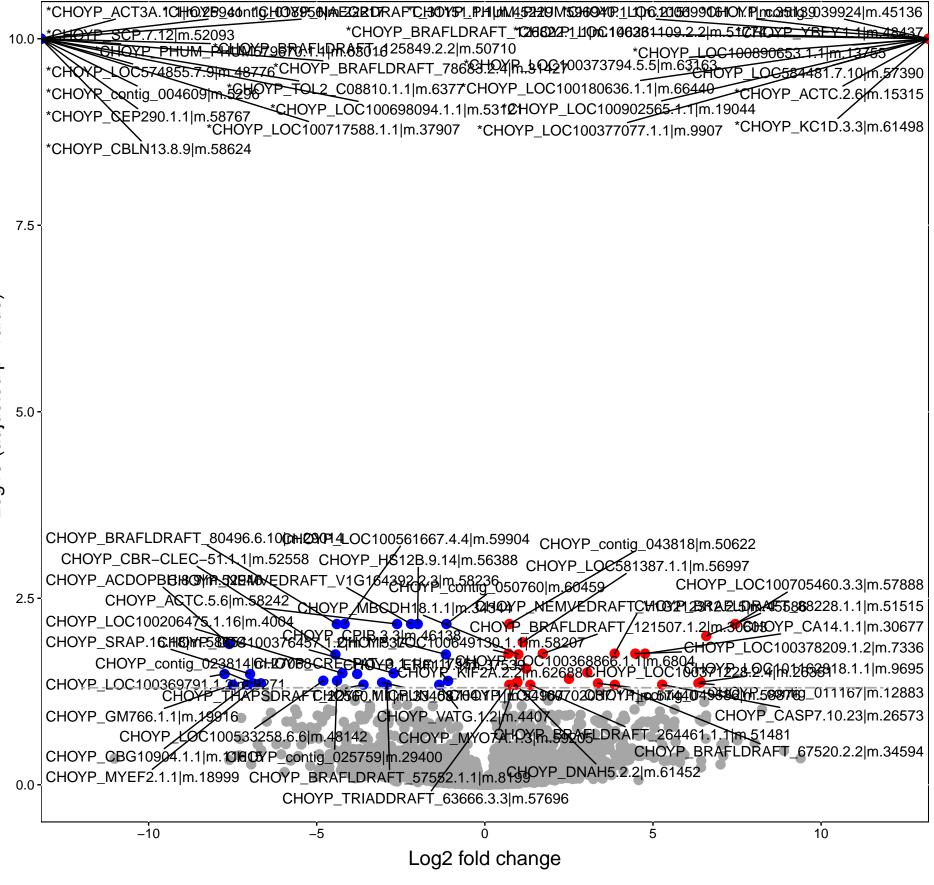
- Adj p-value cutoff (0.05)

No regulation
 Down-regulated
 Up-regulated

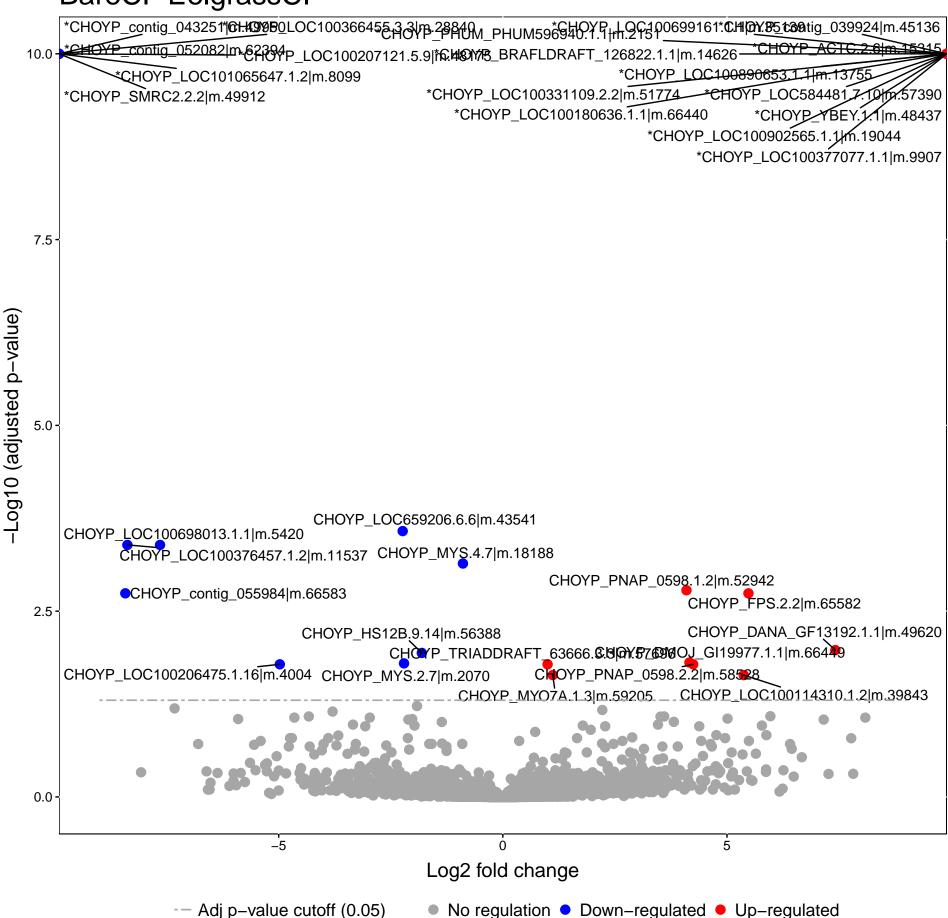
Log2 fold change

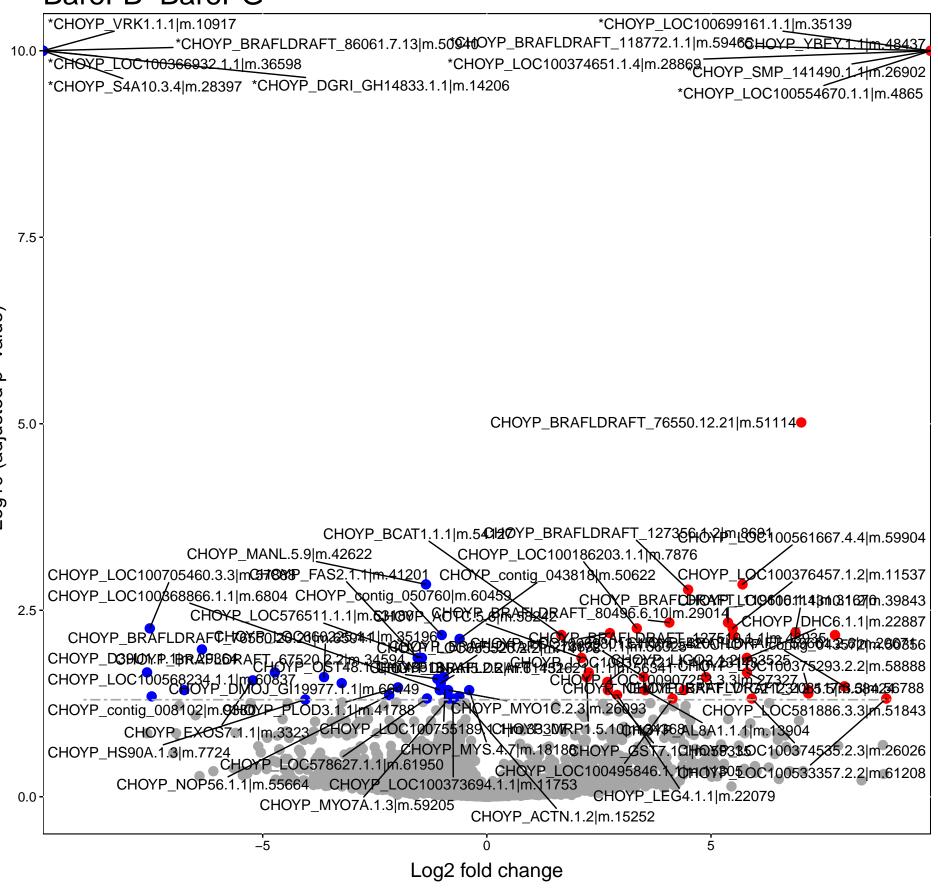
#### BareCI-BarePG

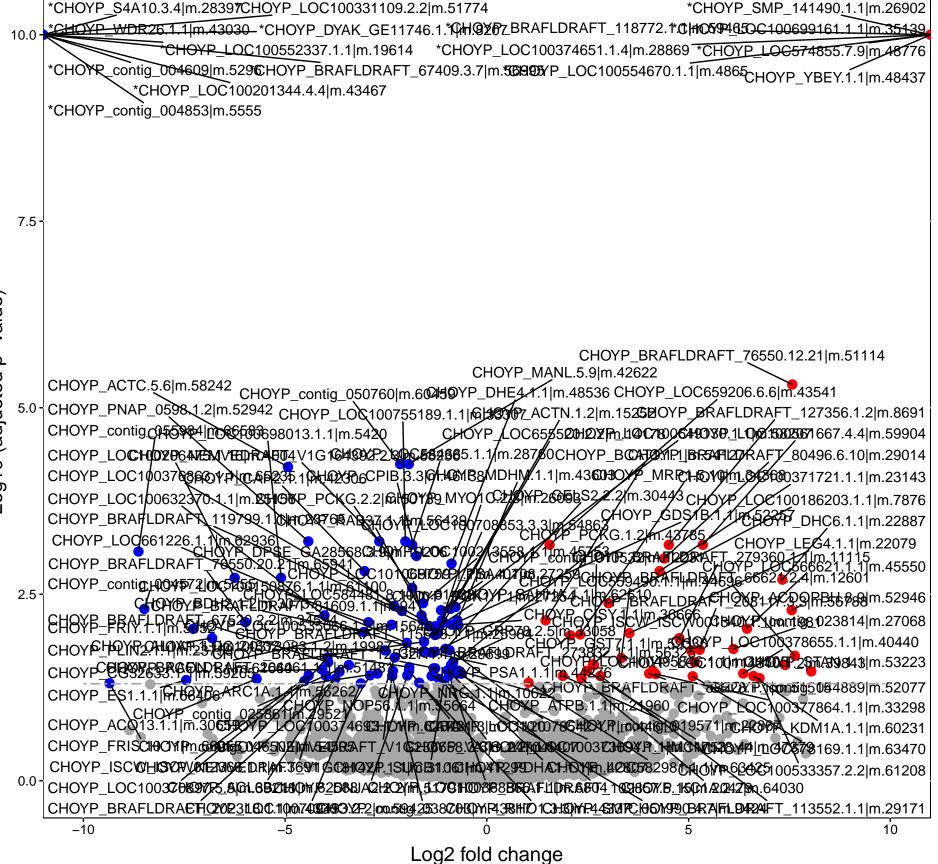


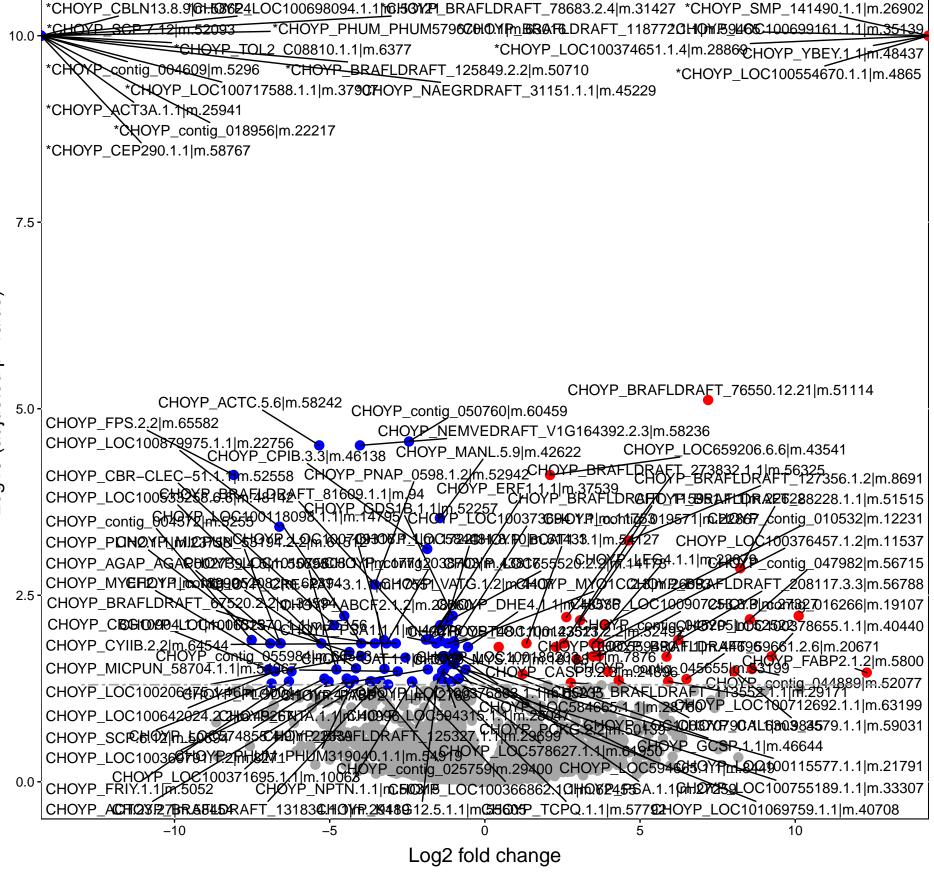


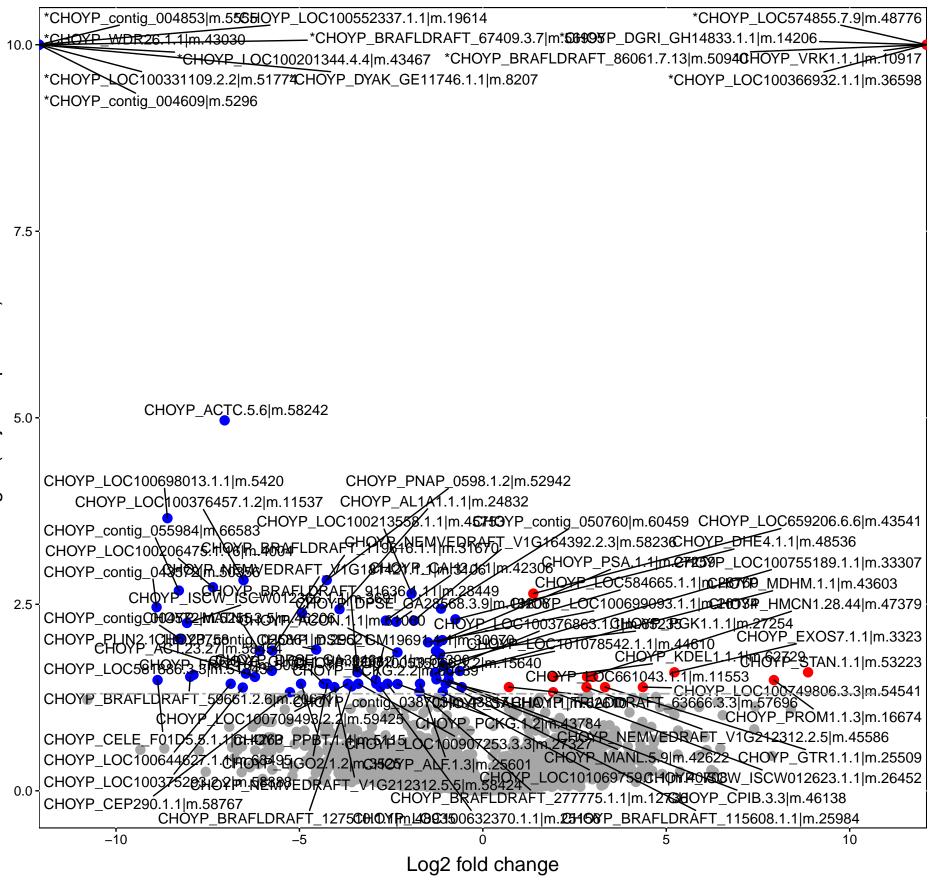
### BareCI-EelgrassCI

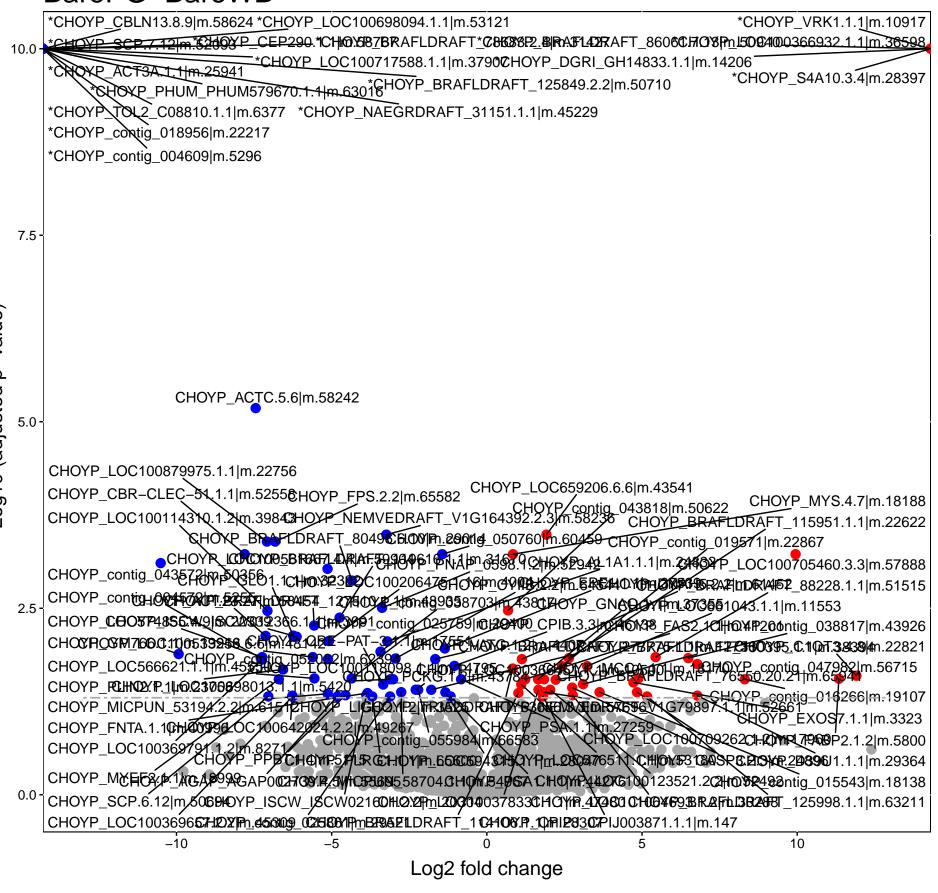


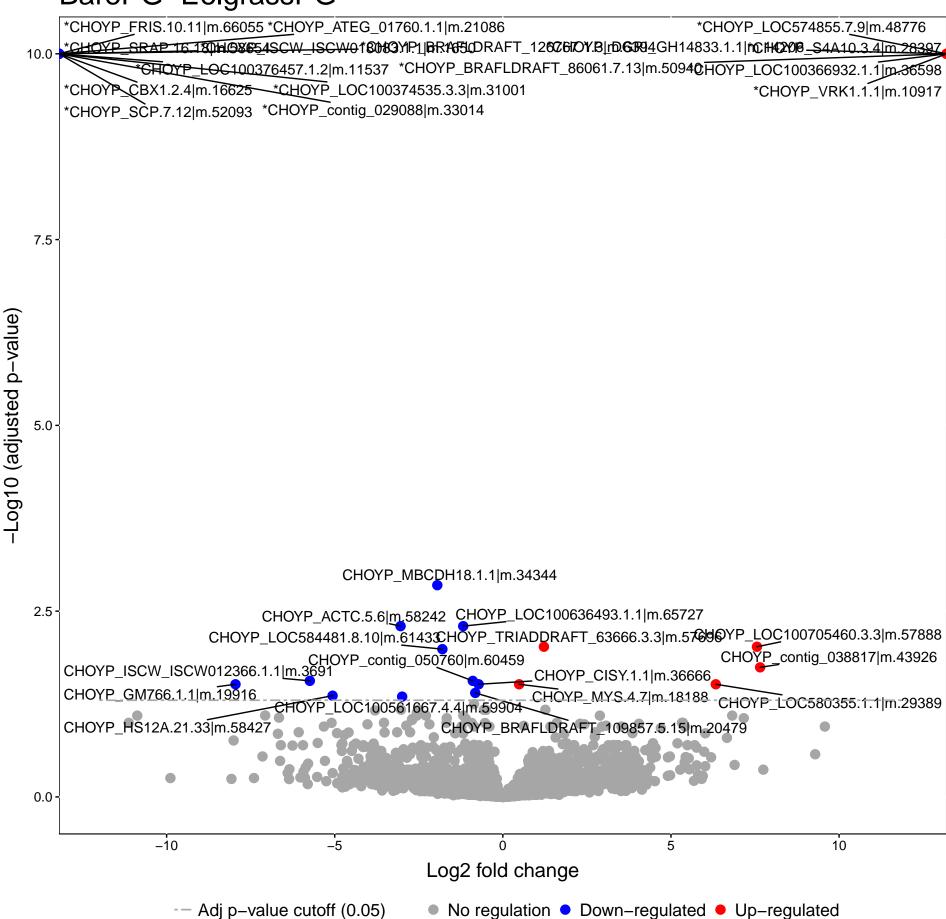


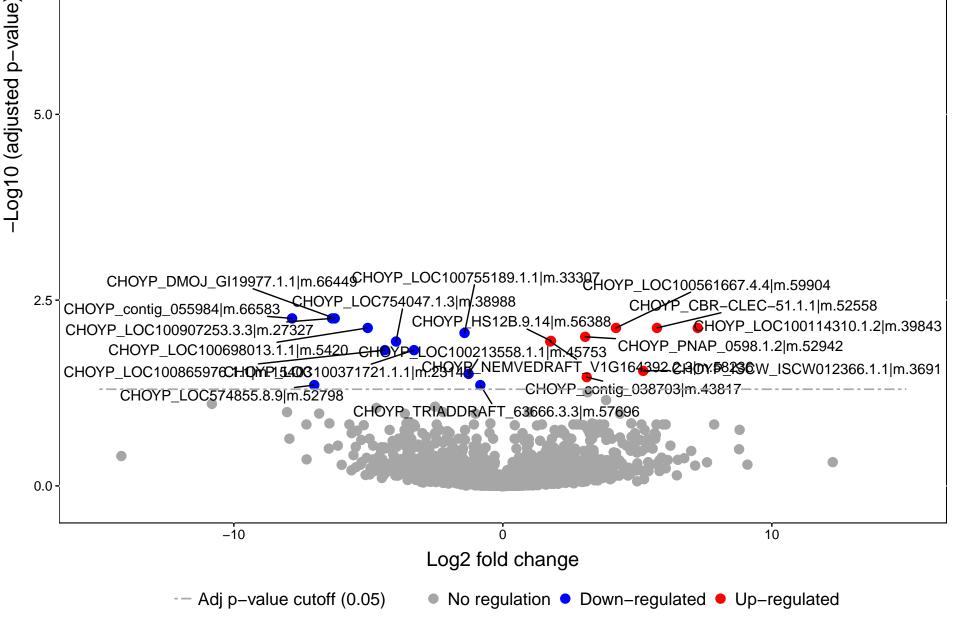












\*CHOYP CHD2.1.1|m.36132

7.5

-Log10 (adjusted p-value)

0.0

\*CHOYP\_contig\_004609|m.5296CHOYP\_LOC100374785.3.3|m.47184

-- Adj p-value cutoff (0.05)

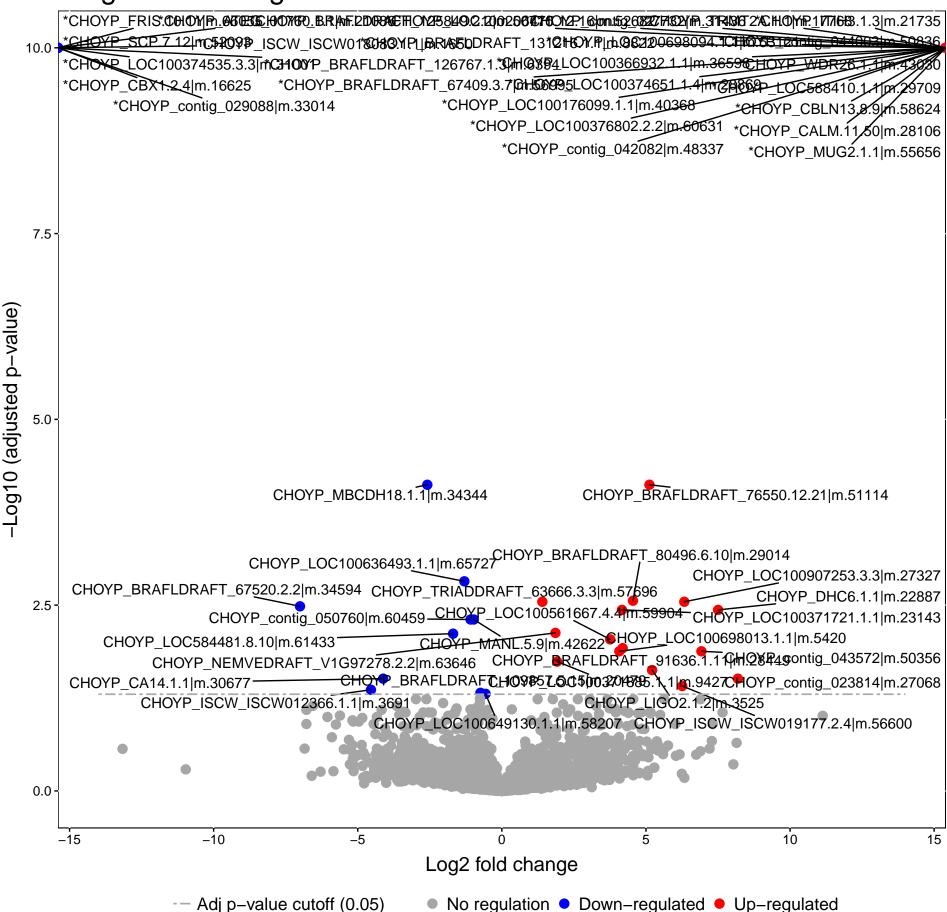
\*CHOYP\_LOC593467.1.4|m.52495

No regulation
 Down-regulated
 Up-regulated

\*CHOYP\_LOC101065647.1.2|m.8099

\*CHOYP\_contig\_043251|m.49950

#### EelgrassFB-EelgrassPG



Log2 fold change

### EelgrassFB-EelgrassWB

-- Adj p-value cutoff (0.05)

```
*CHOYP_C*ICHLQ:\\B:<u>.3</u>20\nC:BIXXXIB:1_05F9AF!L|D:R2XH5B0_5P3!L2\IG:10.0*X7h46852P2<u>1_c4|m</u>ti@<b>@88X97_92_1_oo.6x1g|30<u>C4</u>+00%Pn_151<u>0</u>&63&H0Y|Pn_151516561.3|m.21735
                         HONEP BRAFLIOR HOPEP 72 RAF. 11 12 RAF 2 T F 2 S F 6 12 D C 1 0 10 2 10 5 7 15 C 1 2 P 1 1 1 1 1 C 1 2 1 1 1 1
                    <del>LOC'10064165</del>7.1.1|m.62126
                ATEG_01760.4.1|m.210860YP_LOC100201344.1.4|m.211916P_LOC100176099.1.1|m.40368
                                            *CHOYP_BRAFLDRAFT_67*40/903/7fpu_56691950376457.1.24m.11537
    CHOYP STAN.1.1|m.53223
   *CHOYP_CHD2.1.1|m.36132CHOYP_LOC593467.1.4|m.52495OYP_LOC100366932.1.1|m.36598
                                                                                      CHOYP SRAP.16.1/8|m.58654
                                                                  *CHOYP contig 042082|m.48337
                                                                                     *CHOYP_CBLN13.8.9|m.58624
7.5
5.0 -
                                                        CHOYP BRAFLDRAFT 76550.12.21|m.51114
    CHOYP_DMOJ_GI19977.1.1|m.66449
CHOYP_contig_050760|m.60459
                                                                                CHOYP_LOC100561667.4.4|m.59904
   CHOYP LOC100879975.1.1 m.2
                               CHOYP contig 055984 m 66583
                                      CHOYP_LOC1\002135\8.1.1|m
                                                                    contig 043818 (h) 1506 (22 LQC 100705460.3.3 m.57888
   CHOYP_LOC100865976.144
                                                                                        CHOYP_ALD2.1.1|m.55849
   CHOYP_LOC574855.4.9 m.22
                                                                           446/11/01/12mc564/101/046965/gm/5452962/m.56715
2.5 CHOYP_FROMOMPn_50052100698013
   CHOYP_GLO1.1.1|m.32382
                                                                              CHOYP_contig_052082|m.6
                                                                        CHQYP_MA2C1.1.1|m.46709
        -CHOYP-LOC56662
   CHOYP_contig_01609579216062551
                                                            m.62986YP \DA.1.1|m.5625
   CHOYP LOC100642024.20216049262
                                                             PHUM500930,71 m.21562
   CHOYP NEMVEDBAFT CHIQUEGESCAFILDRESTIZE 77
   CHOYP_PLIN2.1.1|m.23758P LOC594665.1.1/m.8449
                                                                NEMVEDRAFCHOXF242R5XF.4D4RA60078683.2.4|m.31427
    CHOYP_SMP_051990.4.7|m.9424
                                   CHØYP_PHUM_PHUM289860HQYPn_440707800371228.2.407HQ89851LOC101064693.1.2|m.30288
                    CHOYP_LOC100370896.4.4|m.5638HOYP_GDS1B.1.1|m.52257 CHOYP_HS12A.21.33|m.58427
                         -10
                                                                                       10
                                               Log2 fold change
```

# EelgrassPG-EelgrassSK

\*CHOYP<u>\*</u>OM**OSB:<u>1</u>CB:11:1927\_2;\$pinig2\_62:4576|n0:8654692;£m0)78\*937697119@675\$6581749F72:31237\*100:82465:3626691-02:979236</mark>6X:3:204|m.16625** <del>``1895**6QHDXXP\7LO**C10077079</del>**4CHO**WrP<u>6</u>660766FLDRAFT\_72548.1.**2(QHDX)92**5LOC100376457.1.2(<u>m</u>.115<del>37</del> M473.1.5|m6982002P\_LOC100533326HC)1/P.5501010020124401/4|m801019SCW018083.F.9|M.1650AP.16.181/m.58654 \*GHQYP\_LOC100369712.1.1|m.6仓268YP\_DSIM\_GD25210.1.1|m.29275\*CHOYP\_FRIS.10.11|m.66055 \*CHOYP\_contig\_026949|#C36668\_LOC101065647.1.2|m.8099 \*CHOYP\_LOC100641657.1.1|m.62126 \*CHOYP\_MRC1.4:4|m.63:4870YP LOG584481.7.10|m.57390 \*CHOYP\_contig\_001554|m.1669 \*CHOYP LRIG1.1.3|m.954 \*CHOYP NLGN2.3.3|m.57354 7.5 -Log10 (adjusted p-value) 5.0 -CHOYP\_LOC101069759.1.1|m.40708 CHOYP\_MBCDH18.1.1|m.34344 CHOYP\_LOC101072885.1.1|m.63779 CHOYP\_LOC100698013@H@WP\_420C657x35.CHQXP\_20ptig\_050768@W60459C10063649@HQYM\_6BRAFLDRAFT\_67520.2.2|m.34594 CHOYP\_contig\_05\$1984|PL669830037469\$. \1|nc69204B\_PCKG.2.2|m.56H9YP\L96659206.6.66H49541LO9100121425.1.1|m.10532 CHQYP\_LOC100206475.1\C6IQX4PQ04DHMC/H0QWF436603ig 0438/18|m, CHOYPHOMRABORABUPARABO 2.5 CHOYP colling YOU WAS IN COSTON 4 6 20 2 CHOYP\_BRANDYDRADT CHOYP\_LOC10074 PROLIDER OF THE WEST OF THE PROCESS OF THE PROPERTY OF THE PRO C100358419. GHRX 6764RI56.4.4 m.61739 CHONON\_PLINEINSYIFEDESTAGT CYKONIN/1206. 100 HICH \$968. LID C2708010 43 HON. PLINESS 3. Thr. 6867 CHONP\_contig\_049868[m.59257 CHOYP LRPGHOYM\_16064007/9204201/21/10/2000 B7 BRATILY RACE TO TREASE TO TREA CHOYP\_contig\_**CHOYF\_MD#367HOYP\_LL\$8656OFK**6YP.1LtD\\$346839.YP.1RSYAR3791116H23228MVP.1.116H56XBQLOC578169.1.1|m.63470 CHOYP\_BRAFLDRACFIIOYF80400.0100b16346824BR24FLD654BT\_CH200591\_L0001.007496991.5.5|m.59991CHOYP\_LSM3.1.1|m.9505 -10 -5 10 Log2 fold change

Log2 fold change

CHOYP\_PLIN2.1CH160Y2F37498H120Y12718C5X94559CW0186426MPLJANL3916208.1|m.15163 CHOYP\_FAT4.8CH00MP447298.100877947.1.1|m.51907

CHOYP\_CFROW.P.1146/G06037133999P.L.IPAGSFO.MPLIMO1276837H886P1\_LLGGG996837B809F.L.D.R.A.BBQ958P3AFLD.R.A.BBQ95

-5

-10

10

## EelgrassSK-EelgrassWB

\*CHOYP\_**\*CHIOXYP.1.|r**ot**65433167\_DS4|\d\_C5129552\_100100|b028782959\_0<u>\*.<b>Cl\b028783690\_10**</u>|b**01966478**2codd|b<u>0\_**910\795**40d\_**Q6489.5**Pm|L7817667.1.3|m.954</u> <u>:@#6YP\_STAKCHYAKB322610037689@YP2|</u>@06066037**†059**0Y.P|<u>n</u>LQ6399053332490YPmL596584481.7916697.6789000 HOXP\_LOCIO @37 6785.BRANFLEDTRAFT\_\*CH4638.1LOG.1495206475.8.16|m12H998P\_contig\_026949+m.3064 \*CHOYP\_LOC100770794.1.1 m.66066 \*CHOYP\_OFU5B \*CHOYP\_ATEG\_01760.1.1|m.21086 \*CHOYP\_LOC100369712.1.1|m.64128\( \)P\_LOC659512.3.4|m.26408P\_NLGN2.3. \*CHOYP\_contig\_004853|m.5555 \*CHOYP\_7OP2B\_1/.1|m.6674 \*CHOYP\_LOC101065647.1.2\m.8099 \*CHOYP\_contig\_004609|m.5296 \*CHOYP\_TMEM173.1.5|m.23223 CHØYP\_MRC1⁄.4.4|m.63487 2HOYP CBLN13.8.9|m.58624 \*CHOYP contig 018956|m.22217 7.5 -Log10 (adjusted p-value) 5.0 -CHOYP\_LOC101069759.1.1|m.407@HOYP\_BRAFLDRAFT\_88228.1.1|m.51515 CHOYP\_DMOJ\_GI19977.1.1|m.66449 CHOYP\_contig\_050760|m.60459 CHOYP LOC100581667.4.4|m.59904 CHOYP\_FPS.2.2|m.65582 CHOYP\_ACTC.5.6|m.58242 CHOYP\_HS12B.9.14|m.66888P\_LOC100705460.3.3|m.57888 CHOYP LOC100865976.1.1|m.15403 00371721.1.1/16123443\_MDHM.1.1/m.4360360YP\_LOC65723150471mH3712A CHOYP\_LOC100907253 \_63666.3.3**)|n/3/7/0**960n#g\_010532|prl.12**2**3 CHOYP\_contig\_043472fm\_50354008799 CHOYP\_LOC100909364.1.1|m\_57 T\_76550.20.21|m.65941 CHOYP -BRAFLDRAFT CHOYP LOC578 Oby ON Process 10049 \$68 m 759 **2856208Photo1010**44889|m.52077 CHOYF LØC100649130: CHOYFCINIONPI\_NAE53800XAF7CBIOVSP.11/0001400289791.1 OC 10037 22802 AFM COTO 5.1. THE COSTO 10.1.1 | m.30659 CHOYP\_contig\_05306611016688F1A2,81m.3612HOYP CHOYP\_contig\_023/814/mQ7/96ABQF2.1C21/01/27/31/01/8/101/18.101/10/8/43/44YO1C.2.3/m32/60938\_FNTA.1.1/m.40996 CHOYP\_condid\_00/44\_01530 \(\delta/1.51583 \(\delta/1.6\delta/1.28.11.40) \(\delta/1.28.11.40) CHOYP\_AAEL\_AAEL008069.2C2160Y670922DX1.1.1|m.4690180YP\_LOC594665.1.1|nC814Q19P\_AR1723H0Y1P1\_68667100743251.1.1|m.16814 -10 -5 10 Log2 fold change