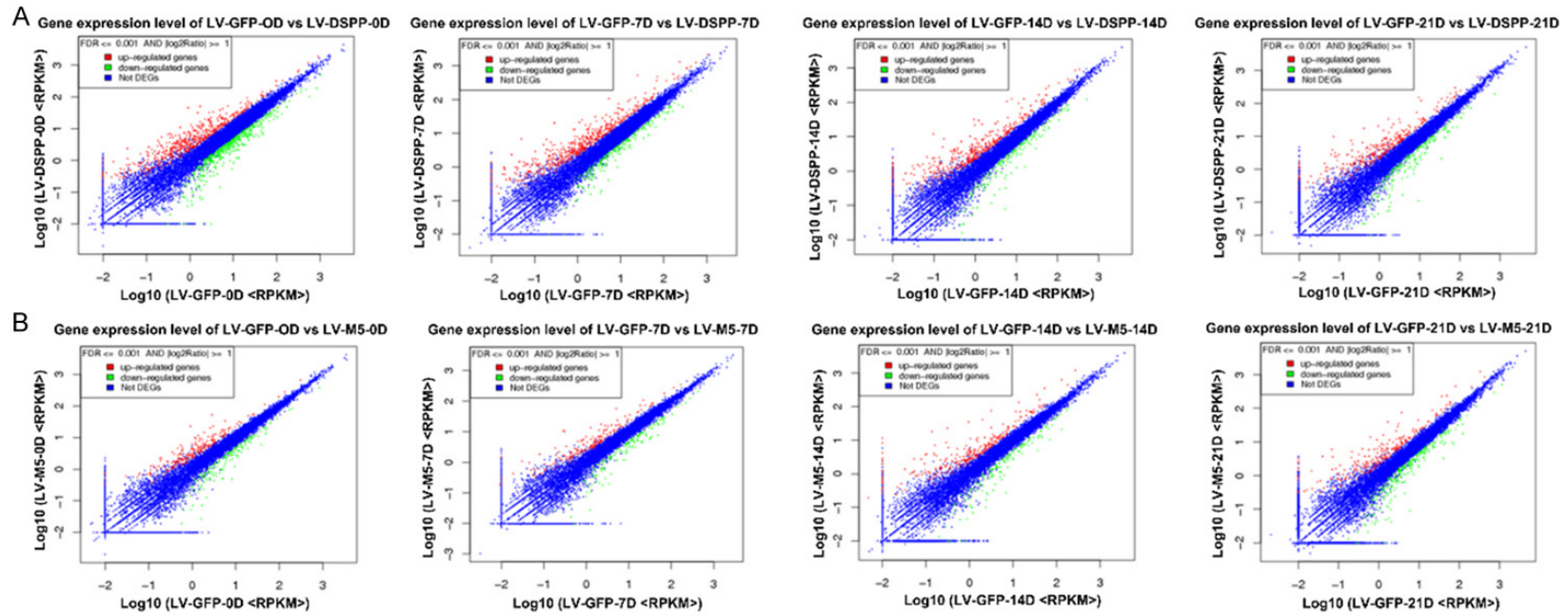


Dspp mutations disrupt mineralization homeostasis

Supplemental Table 1. Summary of the output data and mapping work

Sample	Total Reads	Clean Reads	Total mapped	Perfect Match	≤3 bp mismatch	Unique Match	Total Unmapped
LV-NC	12202594	12140360	10694941	9188184	1506757	8939389	1507653
0 day		99.49%	87.64%	75.30%	12.35%	73.26%	12.36%
LV-NC	12312917	12252583	10882605	9439742	1442863	9205635	1430312
7 day		99.51%	88.38%	76.67%	11.72%	74.76%	11.62%
LV-NC	12038695	11982113	10618037	9279344	1338693	8897928	1420658
14 day		99.53%	88.20%	77.08%	11.12%	73.91%	11.80%
LV-NC	11926887	11868445	10503777	9125167	1378610	8763231	1423110
21 day		99.51%	88.07%	76.51%	11.56%	73.47%	11.93%
LV-DSPP	11994078	11936506	10535671	9117280	1418391	8776659	1458407
0 day		99.52%	87.84%	76.01%	11.83%	73.17%	12.16%
LV-DSPP	12079423	12019025	10574029	9134124	1439905	9049430	1505394
7 day		99.50%	87.54%	75.62%	11.92%	74.92%	12.46%
LV-DSPP	12502670	12440156	10986895	9452467	1534428	9270682	1515775
14 day		99.50%	87.88%	75.60%	12.27%	74.15%	12.12%
LV-DSPP	11763346	11703352	10332138	8927788	1404350	8610118	1431208
21 day		99.49%	87.83%	75.89%	11.945	73.19%	12.17%
LV-M5	12164613	12102573	10681830	9206196	1475634	8900192	1482783
0 day		99.49%	87.81%	75.68%	12.13%	73.16%	12.19%
LV-M5	12119421	12056400	10659628	9191095	1468533	9130573	1459793
7 day		99.48%	87.95%	75.84%	12.12%	75.34%	12.05%
LV-M5	11806754	11742997	10383170	8928782	1454388	8731663	1423584
14 day		99.46%	87.94%	75.62%	12.32%	73.95%	12.06%
LV-M5	11725637	11668181	10333855	8958564	1375291	8577921	1391782
21 day		99.51%	88.13%	76.40%	11.73%	73.16%	11.87%

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Supplemental Figure 1. Differentially-expressed genes (DEGs) in different groups $P \leq 0.05$. The red dots represent the up-regulated genes, the green dots indicate the down-regulated genes, and the blue dots show the genes without expression difference between the two samples.