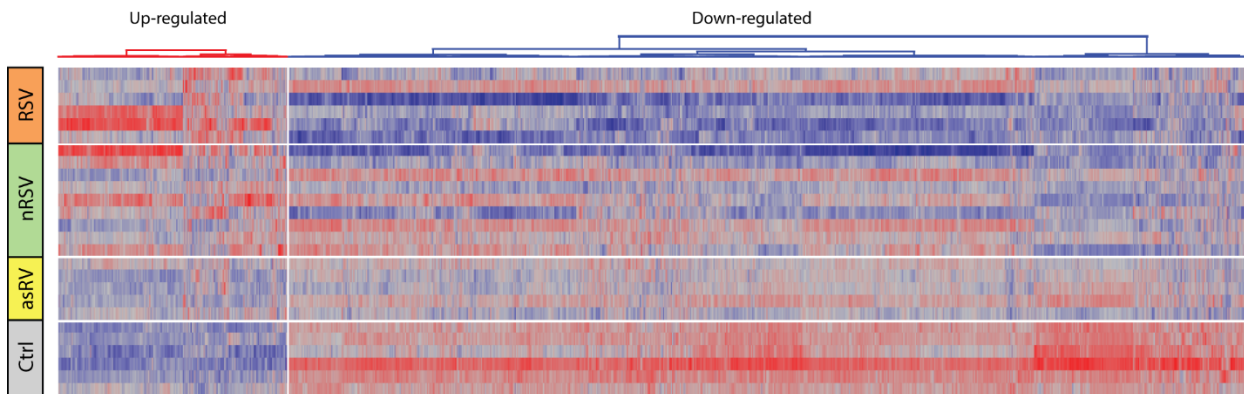


A Number of Differentially Expressed Genes within the 28,476 Genes

Sample Type	Comparison	Differentially Expressed Genes at $p < 0.05$ & $FC_{abs} \geq 1.5$					
		Before DSA			After DSA		
		Up	Down	Total	Up	Down	Total
Nasal	RSV vs. Ctrl	815	3989	4804	1546	2780	4326
Nasal	nRSV vs. Ctrl	700	2108	2808	904	1788	2692
Nasal	asRV vs. Ctrl	107	1248	1355	195	907	1102
Nasal	RSV vs. nRSV	67	501	568	130	341	471
Nasal	nRSV vs. asRV	304	343	647	269	443	712
Nasal	RSV+nRSV vs. Ctrl	739	2882	3621	1016	2151	3167
Nasal	RSV+nRSV vs. asRV	334	474	808	344	573	917

B Expression Profiles of 4928 Genes Before DSA Adjustment



C Expression Profiles of 4928 Genes After DSA Adjustment

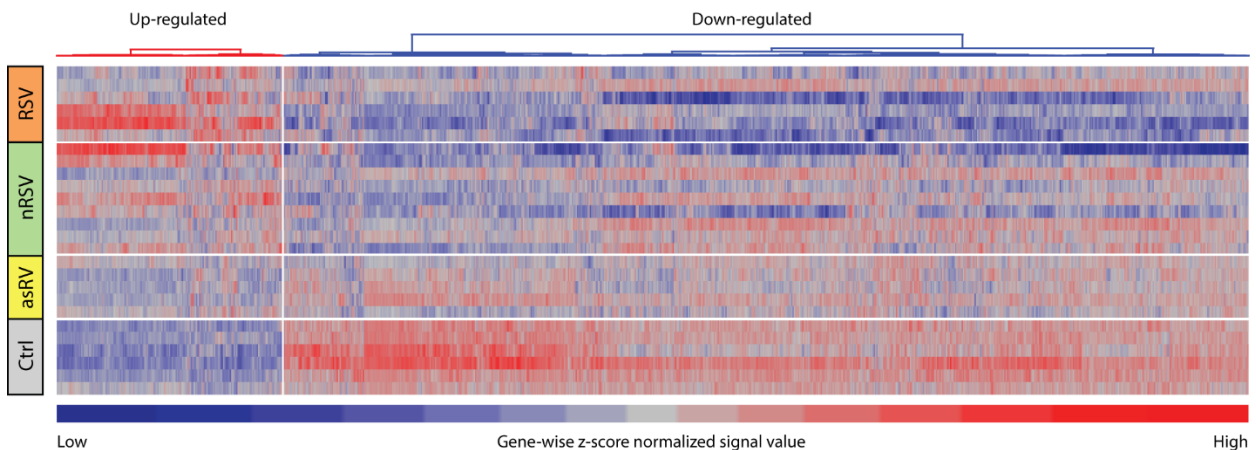


Figure S3. Comparison between pre- and post DSA-adjusted data sets of the number of differentially expressed genes and expression profiles of the union of 4928 genes from 3 between-group comparisons of non-RSV, asRV, and RSV each versus negative control subjects. Upregulated genes were all genes that were upregulated in any of the 2-way comparisons between RSV and Ctrl, non-RSV and Ctrl, and asRV and Ctrl. Downregulated genes were all genes that were downregulated in any of the same comparisons. (A) Number of differentially expressed genes before and after DSA adjustment (counted within the 28476 TCs); (B and C) Expression profiles of the 4928 genes before and after DSA adjustment.