

Simple functional profile

GO Term	Category	Frequency	Percent.
GO:0005488	1	2	50%
GO:0030234	2	3	75%
GO:0045182	3	1	25%
			150%

Initial list of genes

GO Term	gen1	gen2	gen3	gen4
GO:0005488	1	1	0	0
GO:0030234	0	1	1	1
GO:0045182	0	0	0	1

Expanded functional profile

Description	Category	Frequency	Percent.
1 (only)	1	1	25%
1 and 2	1.2	1	25%
1 and 3	1.3	0	0%
2 (only)	2	1	25%
2 and 3	2.3	1	25%
3 (only)	3	0	0%
1 and 2 and 3	1.2.3	0	0%
			100%

	1	1.2	1.3	2	2.3	3	1.2.3
1	1	1	1	0	0	0	1
2	0	1	0	1	1	0	1
3	0	0	1	0	1	1	1

$$\begin{matrix}
 \begin{vmatrix} 1 \\ 1 \\ 0 \\ 1 \\ 1 \\ 1 \\ 0 \end{vmatrix} \\
 * \\
 \begin{vmatrix} 1 \\ 1 \\ 0 \\ 1 \\ 1 \\ 1 \\ 0 \end{vmatrix}
 \end{matrix}
 =
 \begin{vmatrix} 2 \\ 3 \\ 1 \end{vmatrix}$$