

Table S4. Summary of the identified peptides from transgenic worms expressing GFP–LacZ

| Type | Sequence | Observed <i>m/z</i> | Mascot Score | Retention time (min) ^a | | |
|------------|-----------------|---------------------|--------------|-----------------------------------|-------------------|---------------|
| | | | | Candidate | Internal Standard | Δ time |
| GGG-to-Gly | VNWLGLGPQENYPDR | 879.4347 | 46.83 | 61.3 | 61.1 | 0.2 |
| | SAGQLWLTVR | 565.8201 | 45.41 | 54.9 | 54.8 | 0.1 |
| | AGHISAWQQR | 447.2277 | 21.26 | 43.7 | 43.7 | 0.0 |
| | RVNWLGLGPQE | 634.8417 | 49.94 | 58.9 | 58.8 | 0.1 |
| GGG-to-Leu | Not identified | | | | | |

The peptide sequences containing amino acid residues (red) arising from the decoding of the GGG codon are listed.

^a Chromatographic retention times of the targeted peptides are also shown.