What we claim is:

1. An isolated polynucleotide encoding an isolated polypeptide comprising at least 70% amino acid sequence identity to SEQ ID NO: 4, 50, 2, 6, 8, 10, 12, 14, 16, 18, 20, 22, or 52.

2. An isolated polynucleotide comprising at least 70%, preferably at least 80%, preferably at least 90%, preferably at least 95%, preferably 99% nucleic acid sequence identity to SEQ ID NO: 3, 49, 1, 5, 7, 9, 11, 13, 15, 17, 19, 21, or 51.

3. An isolated polypeptide comprising 70%, preferably at least 80%, preferably at least 90%, preferably at least 95%, preferably 99% amino acid sequence identity to SEQ ID NO: 4, 50, 2, 6, 8, 10, 12, 14, 16, 18, 20, 22, or 52.

4. A proteinaceous polymer comprising at least a portion of a polypeptide as defined in any one of claims 1 to 3.

5. A vector comprising an isolated polynucleotide of claim 1 or claim 2.

6. A vector comprising an isolated polynucleotide encoding an isolated polypeptide as defined in claim 3 or a proteinaceous polymer as defined in claim 4.

7. An isolated host cell comprising an isolated polynucleotide as defined in claim 1 or claim 2, an isolated polypeptide as defined in claim 3, a proteinaceous polymer as defined in claim 4, and/or a vector as defined in claim 5 or claim 6.

8. The isolated host cell of claim 7, that is a bacterial host cell, preferably *E. coli*.

9. The isolated host cell of claim 7, that is a fungal host cell, preferably a *Pichia* or *Aspergillus* cell, preferably *Aspergillus niger*.

10. The isolated host cell of claim 7, that is an insect cell, preferably an Sf/9 cell or a High Five cell.

11. A composition comprising an isolated polynucleotide as defined in claim 1 or claim 2, an isolated polypeptide of claim 3, a proteinaceous polymer of claim 4, and/or a vector of claim 5 or claim 6 and/or an isolated host cell of claim 7, 8, 9 or 10.

12. A method of making at least one FUN polypeptide or portion thereof, the method comprising heterologously expressing a FUN polynucleotide as defined in claim 1 or claim 2

or a vector as defined in claim 5 or 6 in an isolated host cell as defined in claim 7, 8, 9 or 10.

13. A method of making at least proteinaceous polymer comprising at least one polypeptide or portion thereof, the method comprising heterologously expressing a FUN polynucleotide as defined in claim 1 or claim 2 or a vector as defined in claim 5 or 6 in an isolated host cell as defined in claim 7, 8, 9 or 10.

14. Use of a FUN polypeptide or portion thereof as defined in claim 3 or a composition as defined in claim 11 to coat an article of manufacture.

15. Use of a FUN polypeptide or portion thereof as defined in claim 3 or a composition as defined in claim 11 to make a film on an article of manufacture.

16. The use of claim 14 or 15 wherein the article of manufacture is selected from the group consisting of textiles or components or parts thereof and biomedical devices or components or parts thereof.

17. The use of claim 14 or 15 wherein the article of manufacture or component or part thereof is a synthetic fiber.

18. The use of any one of claims 14 to 17 wherein the component or part thereof is a synthetic polymer.

19. The use of claim 17 or claim 18 wherein the synthetic fiber or synthetic polymer is selected from the group consisting of polyester, spandex, rayon, nylon, acrylic, microfiber, neoprene, polyamide, acetate, polyvinyl chloride (PVC) and synthetic or “faux” leather or fur fibers and polymers, preferably nylon.

20. The use of claim 14 or 15 wherein the article of manufacture or component or part thereof is a natural fiber.

21. The use of claim 20 wherein the natural fiber is selected from the group consisting of cotton, wool, silk, coir, alpaca, flax, hemp, bamboo, sisal and jute, preferably silk.

22. The use of claim 14 or 15 wherein the article of manufacture is a textile, preferably a natural textile or a synthetic textile.

23. The use of claim 14 or 15 wherein the article of manufacture or component or part thereof is or is comprised in or on a biomedical device.

24. The use of claim 23 wherein the biomedical device is an implantable biomedical device.

25. The use of claim 23 wherein the implantable biomedical device is selected from the group consisting of cardiovascular devices including cardioverter defibrillators, pacemakers and left ventricular assist devices, breast implants, cochlear implants, intraocular lenses, joint replacements including hip implants, catheters, dialysis tubing, contraceptive intrauterine devices, stents, sutures, staples, bandages, and wound dressings.

26. The use of claim 14 or claim 15 wherein the article of manufacture is an air filtration device or component or part thereof.

27. The use of claim 26 wherein the component or part thereof is an air filter.

28. The use of claim 26 or 27 wherein the component or part thereof is a synthetic or natural fiber and/or polymer.

29. The use of claim 28 wherein the synthetic or natural fiber and/or polymer is comprised in the air filter.