

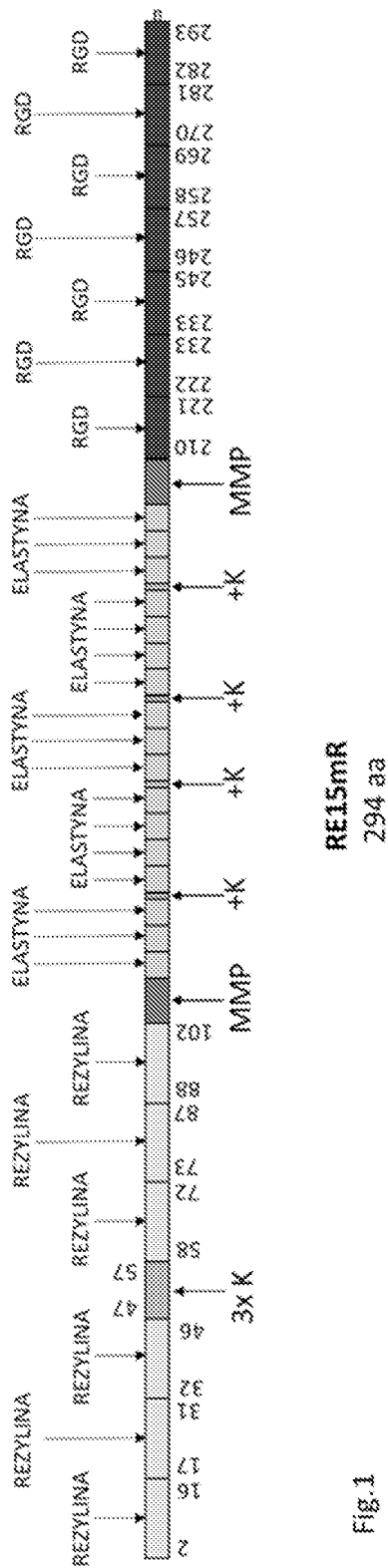


Fig. 1

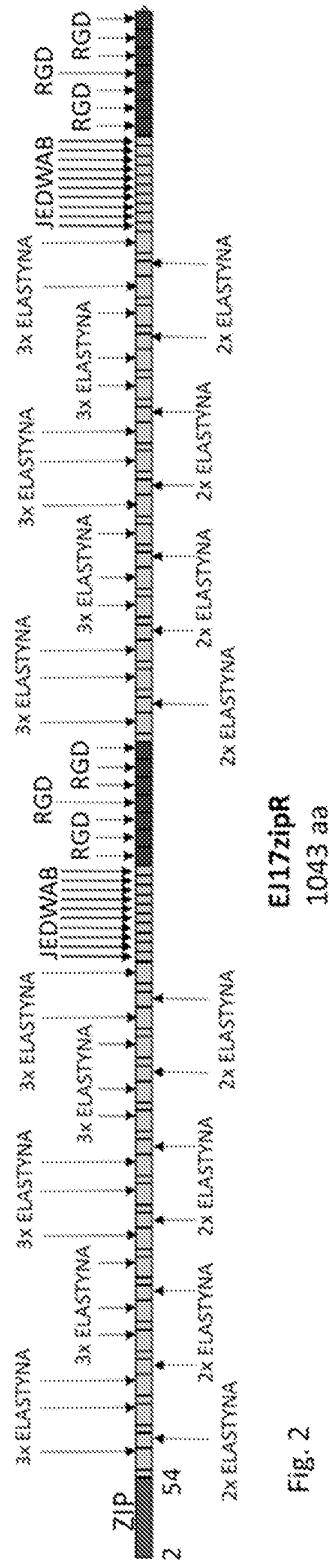


Fig. 2

REC1f	CCAGTGCCAAGCTT cat ATGAGCGACACCTAC
REC1r	CCGGGGATCCTCTAGAGTCGACTTAACCCCTT
REC2zf	GGCCAGTGCCAAGCTT cat ATGGGTGGAAGG
REC2zr	CCCGGGGATCCTCTAGAGTCGACTTAACCT
RE3r	CCCGGGGATCCTCTAGAGTCGACTTAACC
RE5f	CAGTGCCAAGCaTATGGGTGGCCGTCCGA
RE5r	CGGGGATCCTCTAGAGTCGACTTAGCCCCG
RE6RGDr	CCGGGGATCCTCTAGAGTCGACTTAGCTGCT
RE7zr	CGGGGATCCTCTAGAGTCGACTTAACCCG
REC8zf	CGGCCAGTGCCAAGCTT cat ATGGGTGCGC
RE10zr	CCCGGGGATCCTCTAGAGTCGACTTAGCCA
REC11f	GGCCAGTGCCAAGCTT cat ATGGGTGGCCGT
EC13f	GCCAGTGCCAAGCTT cat ATGGTGCCGGGT
EJ17sek	GCGAGTAGCGTTCC
T7term	CTAGTTATTGCTCAGCGG
EJ17sek2	TGCTGGTGGGGCT
sekT7	TAATACGACTCACTATAGG
EJ17sek3R	ACCAGAGCCCGCA
EJ17sek4	CGTGCCTGCATTTG

Fig. 3

ATGGGAGGGAGGCCCTCAGATAGTTATGGTGCTCCGGGTGGTGGTAATGGTGGT
CGTCCGAGCGATTCTTACGGCGCGCCAGGCGGAGGCAACGGCGGACGTCCGTC
GGATTCCTATGGTGCCCCCTGGCGGTGGCAACGGCGGCAAGGGTGGCAAGGGTG
GTAAAGGTGGCGGTGGACGCCCATCCGACAGCTACGGCGCACCTGGCGGCGGC
AATGGCGGCCGTCCGTCTGATAGCTATGGTGCTCCGGGCGGCGGTAACGGCGGT
CGTCCGAGCGATTCTTACGGTGCGCCTGGTGGCGGCAACGGTCCGCAAGGTATT
TGGGGTCAAGGTGTGCCGGGTGCCGGGTGTGCCGGGTGCCGGGCGTTCCGGGCGC
TGGCAAGGTGCCGGGCATTGGCGTTCCGGGCATCGGTGTCCCGGGCATTGGTGT
GCCGGGTATCGGCAAGGTGCCGGGAGCCGGTGTCCCGGGTGCTGGTGTCCCGG
GGGCGGGTAAAGTGCCGGGCATCGGCGTGCCGGGAATCGGCGTGCCAGGGATC
GGTGTTCGGGTATTGGCAAAGTTCCGGGCGCGGGTGTTCGGGCGCTGGTGT
CCGGGTGCCGGGCGGTCCGCAGGGCATCTGGGGTTCAGGGTGCGGTTACCGGCCG
TGGCGATAGCCCGGCGTCTAGCGCAGTGACCGGTGCGGGTGATTCCCCGGCAA
GCAGCGCAGTTACCGGTGCGGGTGACAGCCCGGCGAGCAGTGCCGTAAGTGGT
CGTGGTGACTCCCCGGCTTCGTCCGCGGTTACCGGTGCGGGTGACTACCGGCA
AGCAGCGCGGTGACGGGTGCTGGTGACTGCCAGCGAGCTCTGCCGTTACCGG
TAGAGGCGACTCCCCGGCTAGCAGCTAA

Fig. 4

MGGRPSDSYGAPGGGNGGRPSDSYGAPGGGNGGRPSDSYGAPGGGNGGKGGKG
GKGGGGRPSDSYGAPGGGNGGRPSDSYGAPGGGNGGRPSDSYGAPGGGNGPQGI
WGQGVPGAGVPGAGVPGAGKVPGIGVPGIGVPGIGVPGIGKVPAGVPGAGVPG
AGKVPGIGVPGIGVPGIGVPGIGKVPAGVPGAGVPGAGGPQGIWGQGAVTGRGD
SPASSAVTGRGDSPASSAVTGRGDSPASSAVTGRGDSPASSAVTGRGDSPASSAVT
RGDSPASSAVTGRGDSPASS

Fig. 6

MVGGGGGKENQIAIRASFLEKENSALRQEVADLRKELGKCKNILAKYEAGGGGG
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VPAAGVPAAGVPAAGVPAFGVPAFGVPAAGGVPAAGVPAAGVPAAGVPAAGVPAAG
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VPAFGVPAAGGVPAAGVPAAGVPAAGVPAAGVPAAGVPAAGVPAAGVPAAGVPAFG
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RGDSPASSAVTGRGDSPASSAVTGRGDSPASSAVTGRGDSPASSAVTGRGDSPASSV
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PAAGVPAAGVPAAGVPAFGVPAFGVPAAGGVPAAGVPAAGVPAAGVPAAGVPAAGV
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GSGAGAGSGAGAGSGAGAGSGAGAGSAVTGRGDSPASSAVTGRGDSPASSAVTGR
GDSPASSAVTGRGDSPASSAVTGRGDSPASSAVTGRGDSPASSAVTGRGDSPASS

Fig. 7

ATGGTAGGTGGGGGAGGCGGAAAAGAAAATCAAATCGCAATTCGTGCATCTTTTTTGGAAAAGG
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CCTCGCAAAATACGAAGCAGGAGGTGGAGGCGGTGTGCCGGCGGGCGGAGTTCGGGCCGACAGG
CGTTCCGGCAGCTGGGGTGCCGGCAGCGGGTGTTCCTGCGTTTGGTGTTCGGGCCTTTGGTGTGC
CGGCAGGTGGCGTGCCTGCGGCGGGGGTCCCGGCTGCGGGCGTGCCGGCTGCGGGTGTTCGG
CTGGAGGCGTTCCAGCGGCGGGCGTTCCGGCGGCTGGTGTTCGGCGGCGGGTGTTCGGCGTT
CGGCGTGCTGCATTTGGCGTTCCGGCAGGTGGCGTTCGGCGGCAGGTGTGCCGGCGGCGGGT
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CTGCTGCGGGTGTGCCGGCCTTTGGGGTCCCGGCCCTTCGGTGTACCGGCGGGCGGTGTACCGGC
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TGGTGTTCGGCTGCGGGTGTCCCGGCTGCCGGTGTGCCTGCGTTTGGGGTCCCGGCATTTGGTGT
TTCCGGCTGGTGGCGTGCCAGCCGACAGGTGTTCGGCAGCTGGTGTGCCGGCCGACAGGGTGTCC
CGGGGAGGTGTTCCAGCGGCCGGTGTTCAGCGGCGGGCGTCCCGGCAGCTGGCGTCCCGGC
CTTCGGCGTGCCGGCTTCGGTGTACCGGCAGGCGGGGTCCCGGCCGCGGCTACCGCGCGG
GGTGTCCAGCGCGGGCGTTCGGCAGGCGGGCTACCGCGGCAAGGGTTCGGCGTGCAGG
GTGCCGGCAGCGGGGTGCCTGCGTTCCGGCTCCCGGCTTCGGCGTACCAGCAGGTGGTGTTC
CAGCAGCGGGCGTCCCGGCCGCGGGTGTCCCGGCAGCAGGTGTCCCCGCTGGTGGGGTGCCGG
CGGCCGAGTGCCGGCGGCTGGCGTTCCGGCTGCCGGTGTGCCGGCATTTGGCGTGCCGGCCTT
CGGCGTACCAGCGGTGGCGTGCCGGCCGCTGGTGTCCAGCAGCCGGTGTTCGGCTGCTGGT
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GCTGGTAGCGGCGCAGGTGCGGGAAGCGGGGACAGGTGCCGGCAGCGGTGCAGGCGCCGGTAGC
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CGGTTACCGGTGCTGGTGATAGCCCTGCCTCCTCTGCTGTGACTGGTGTGGTGACAGCCCGGC
AGCTCTGTGTACGGGTGCTGGTGATTCCCCGGCCAGCTCCGCAGTTACCGGACGCGGTGACA
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GTCTTAA

Fig. 5

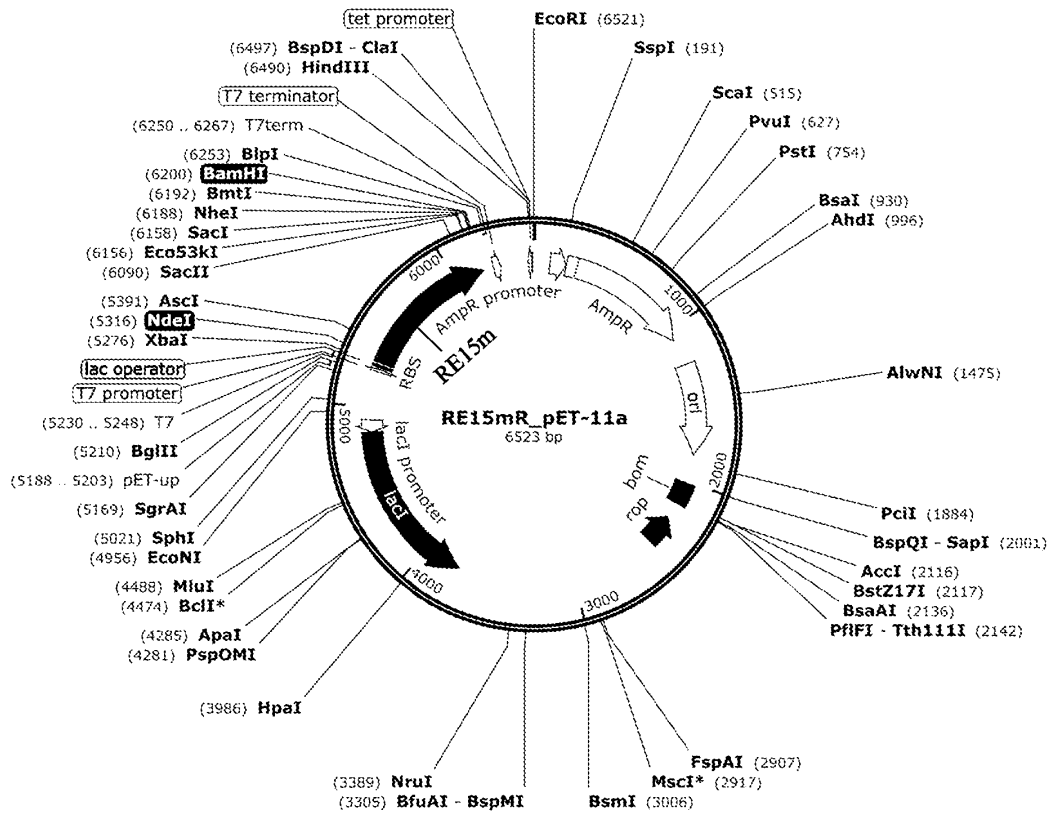


Fig. 8

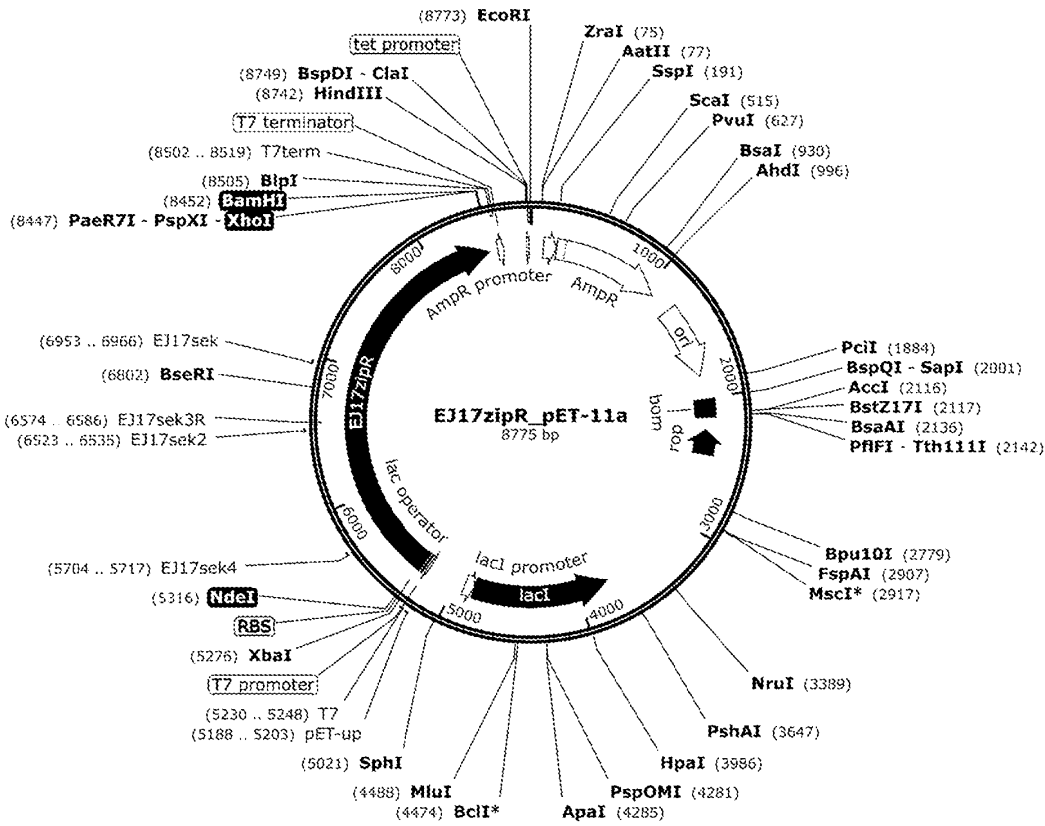
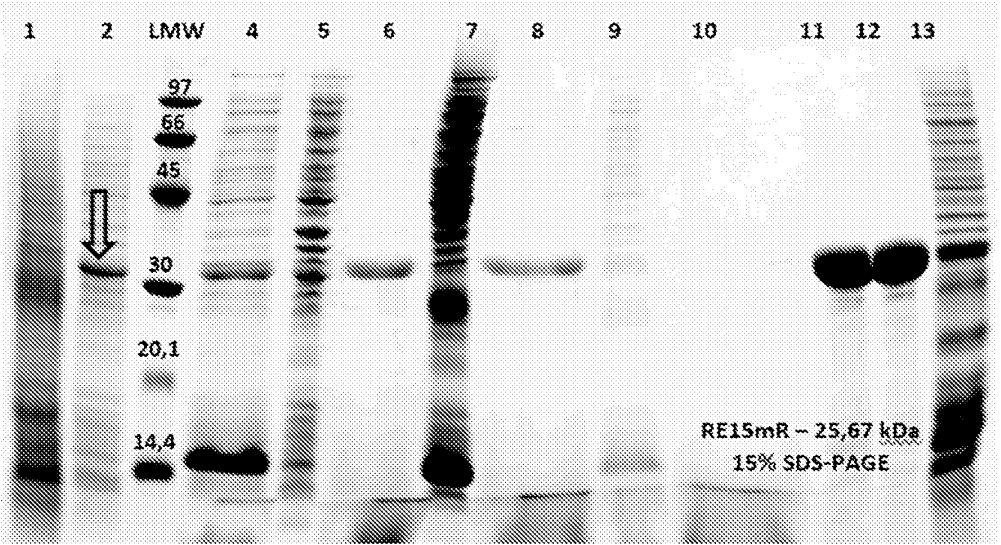


Fig. 9

A.



B.

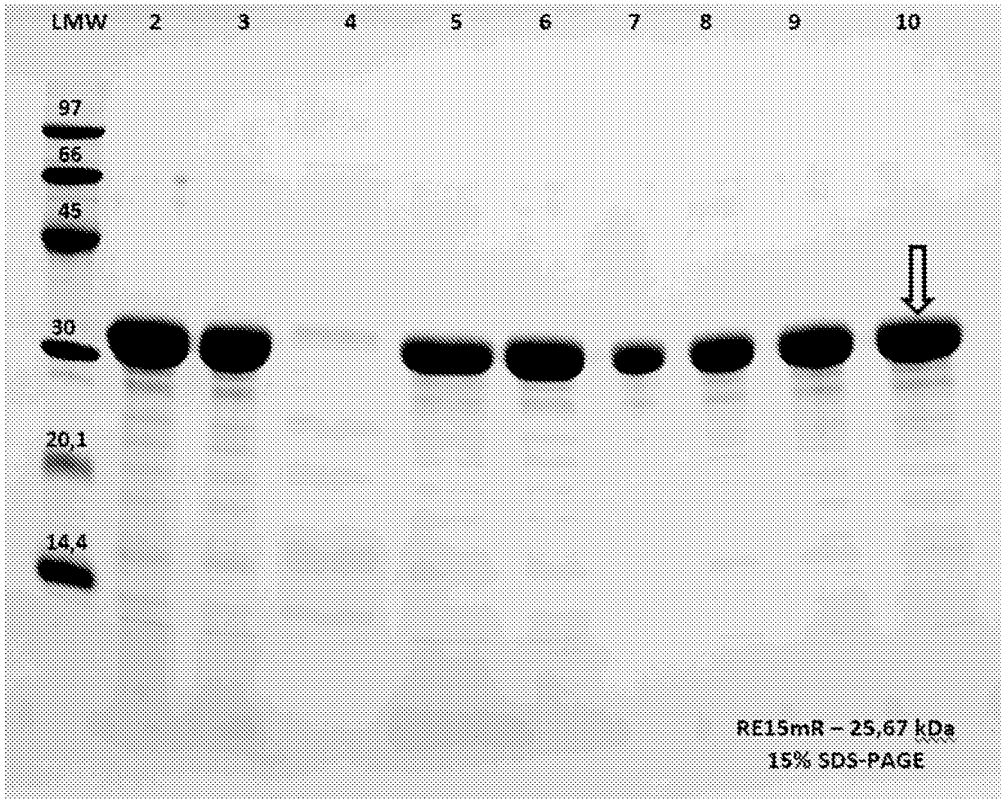


Fig. 10

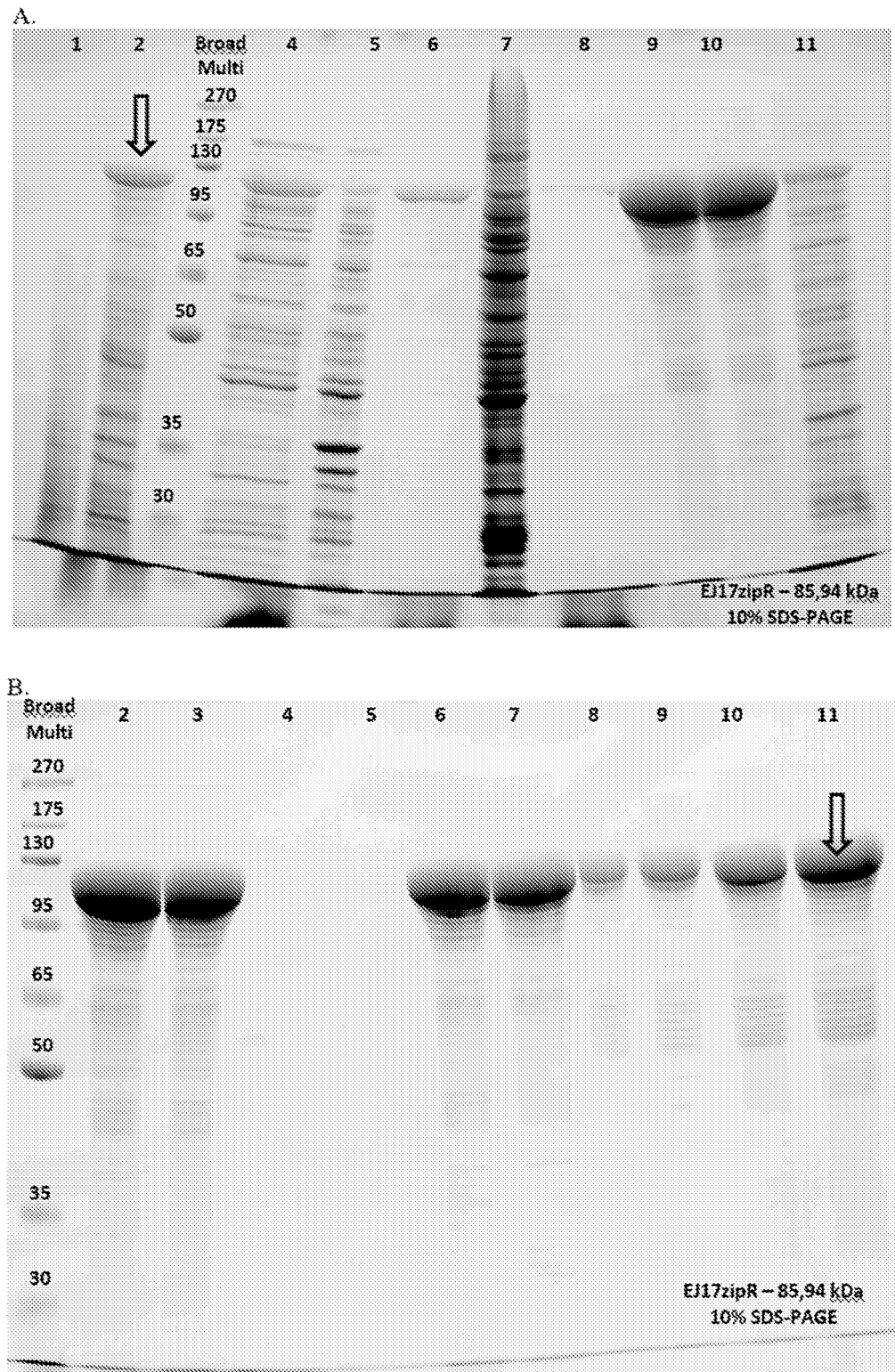


Fig. 11

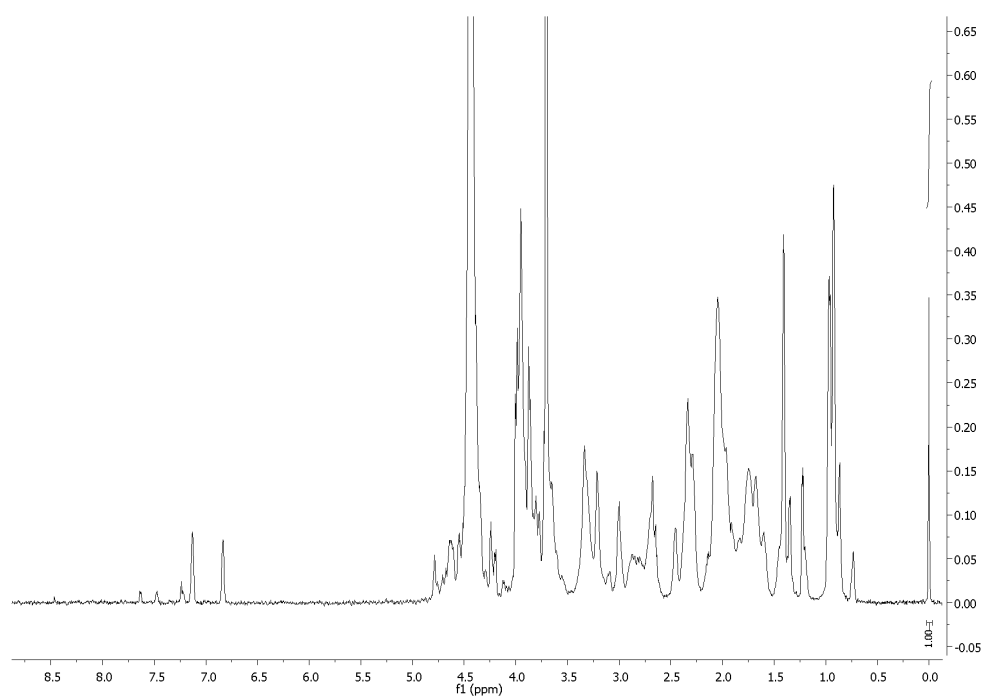


Fig. 12A

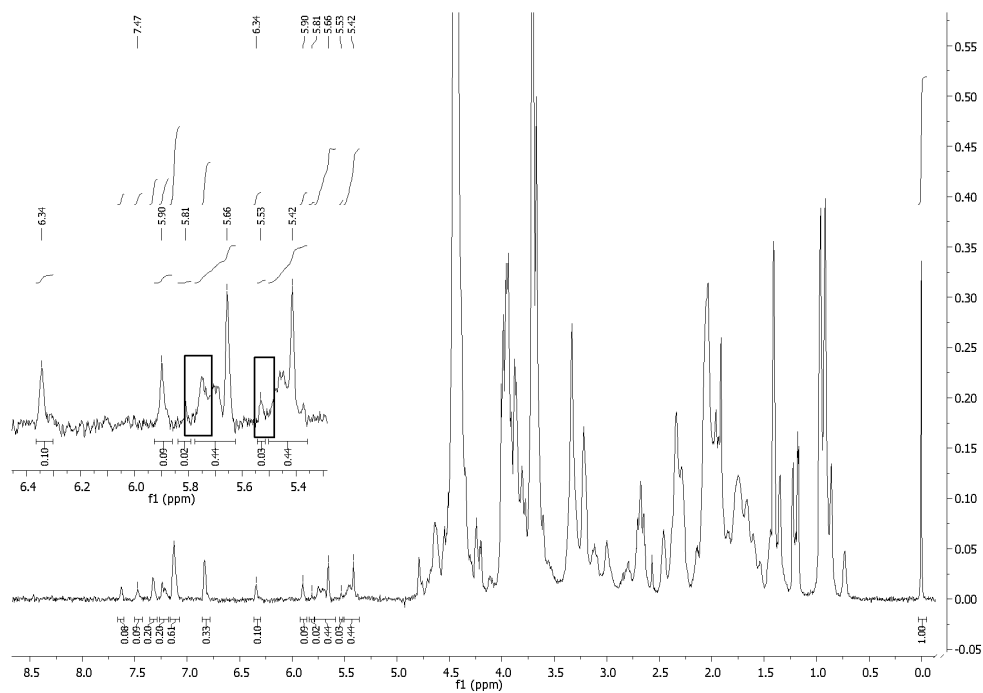


Fig. 12B

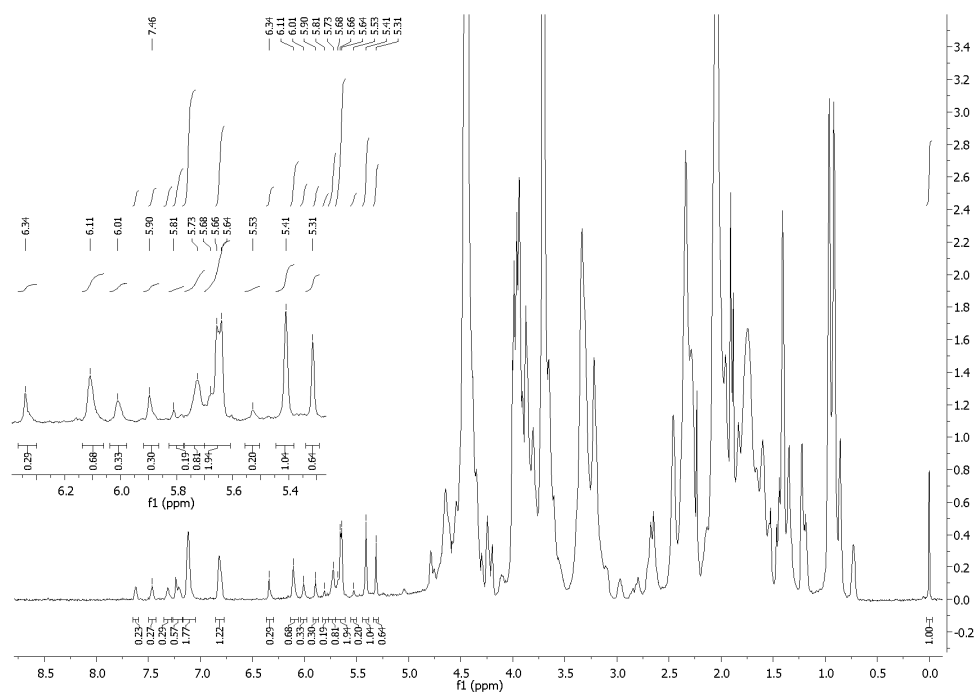


Fig 12C

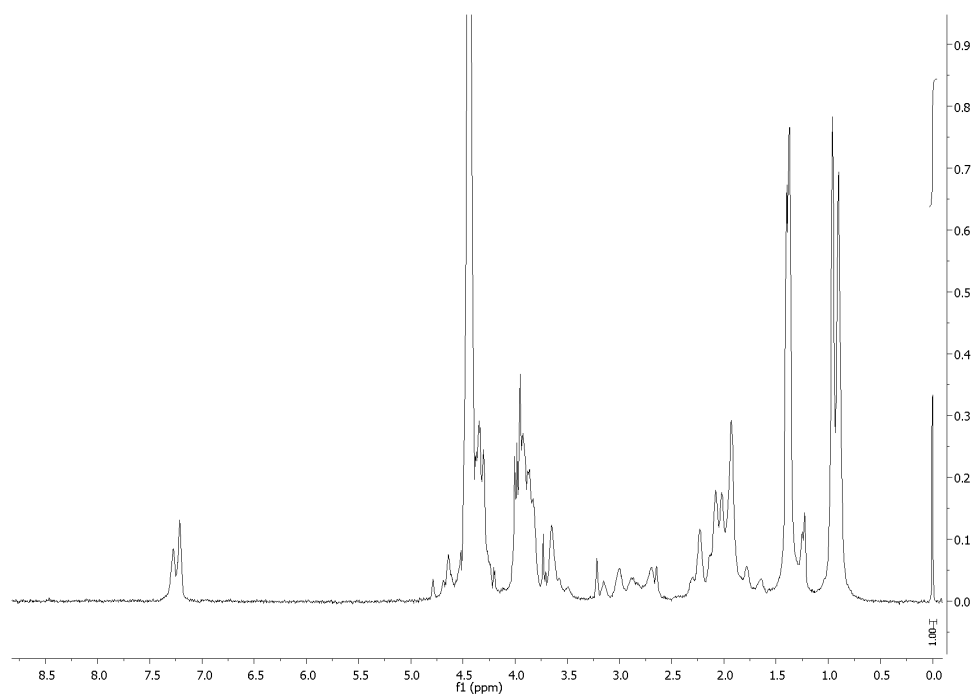


Fig. 12D

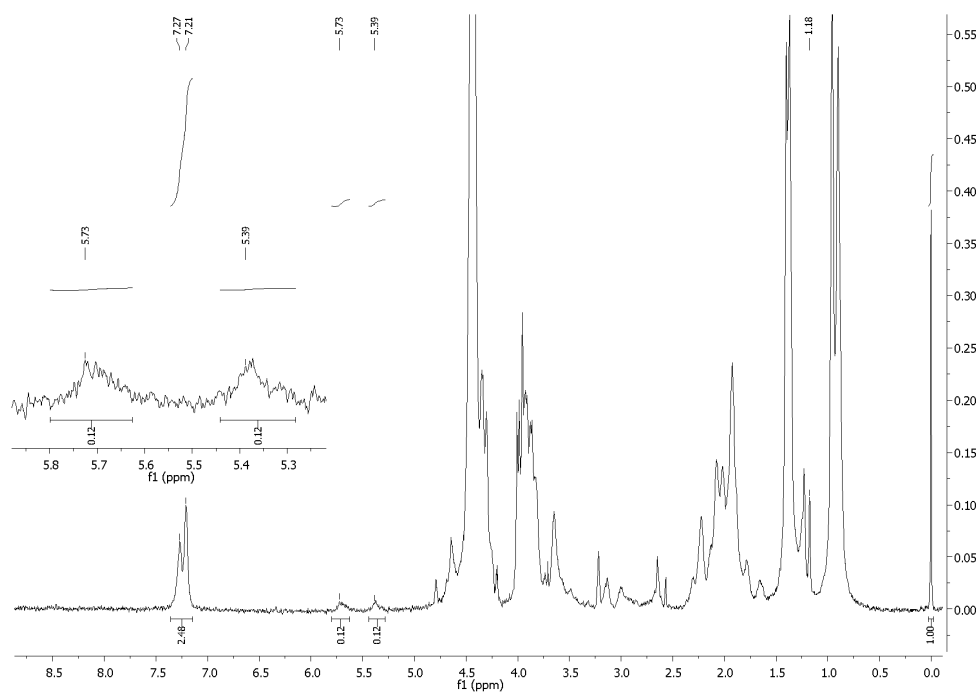


Fig. 12E

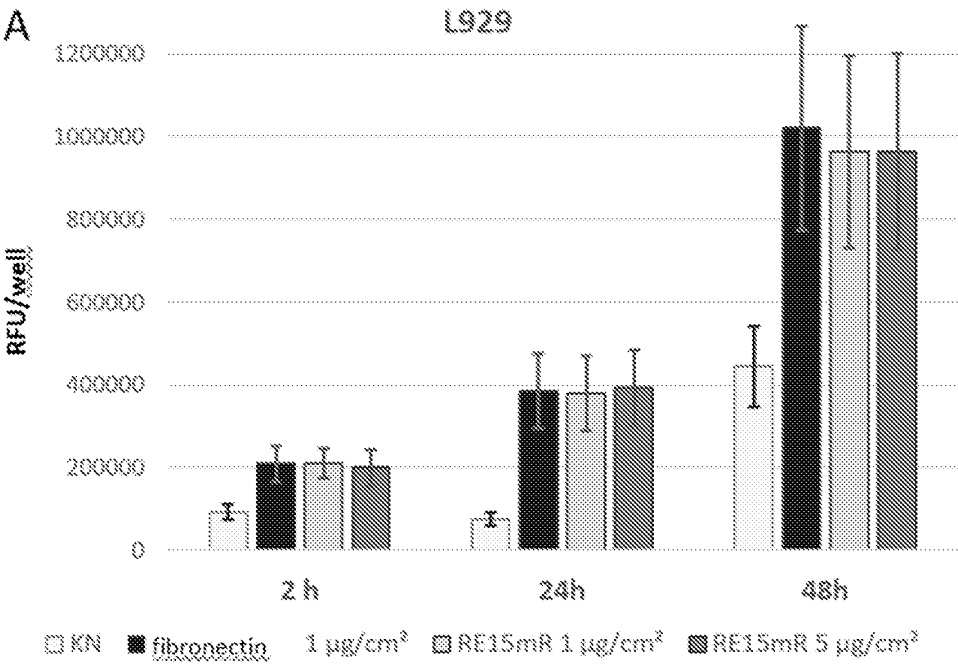


Fig. 13A

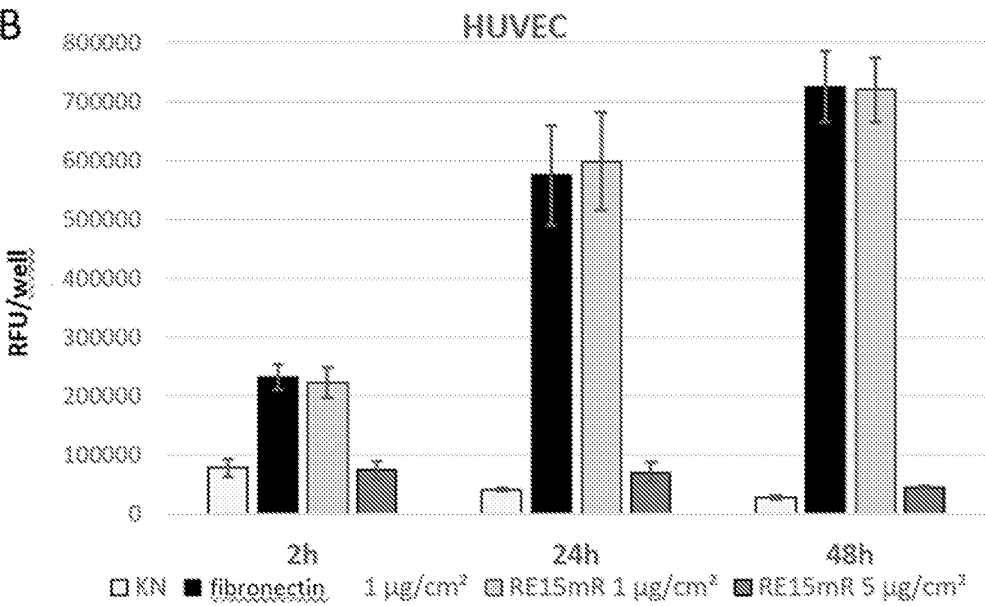


Fig. 13B

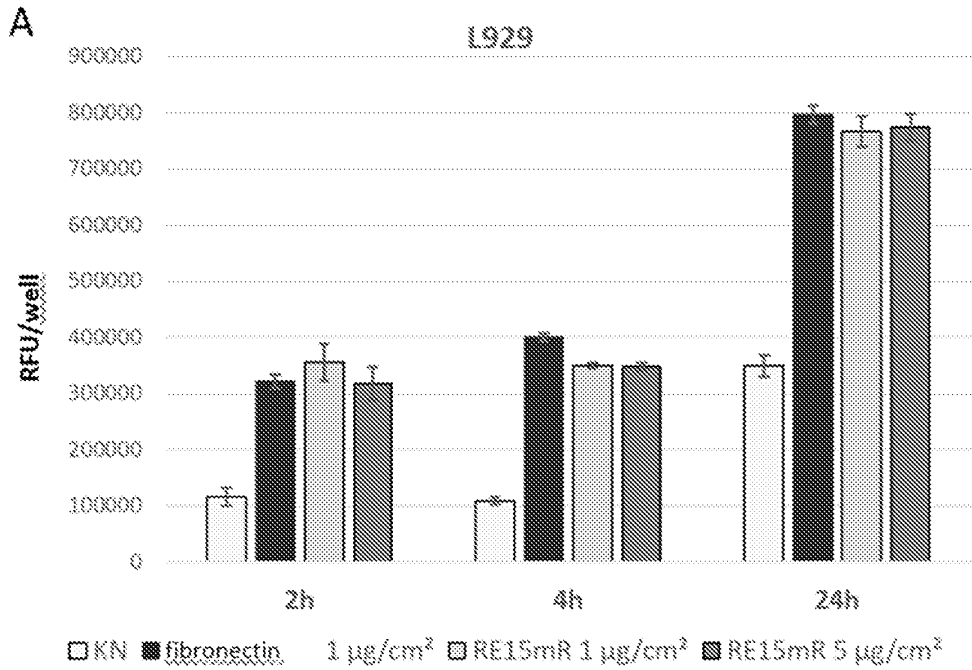


FIG. 14A

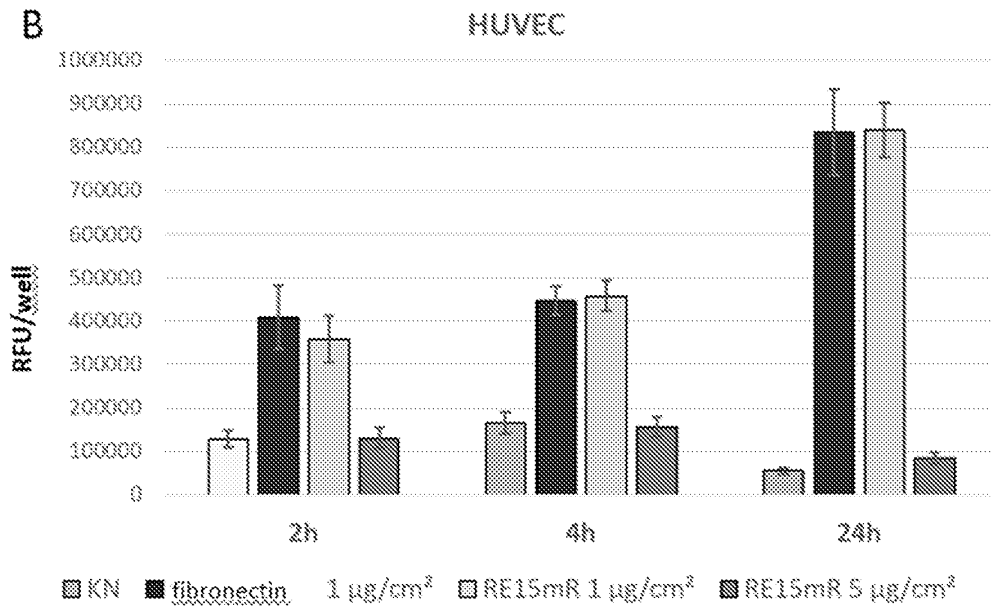


FIG. 14B

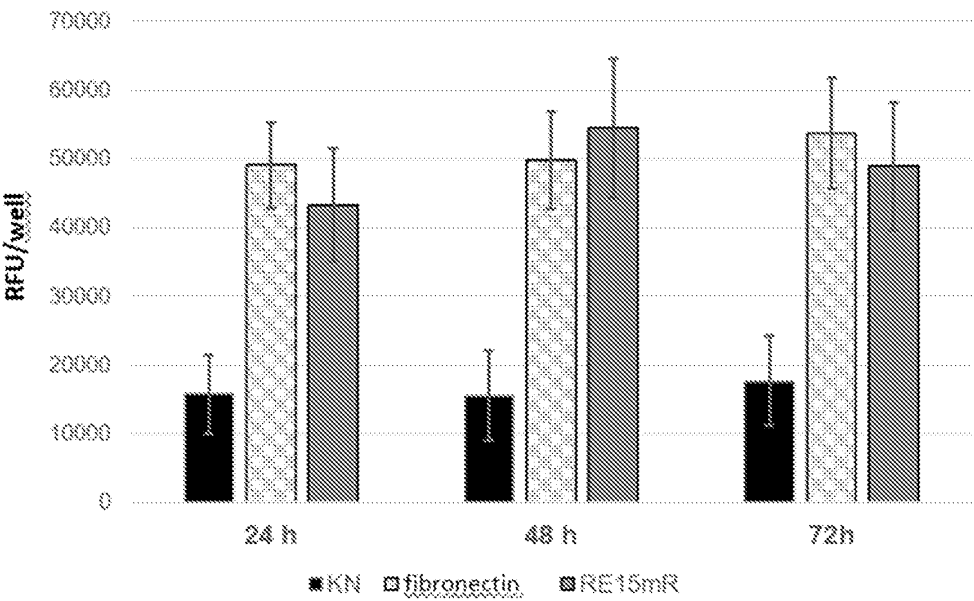


FIG. 15

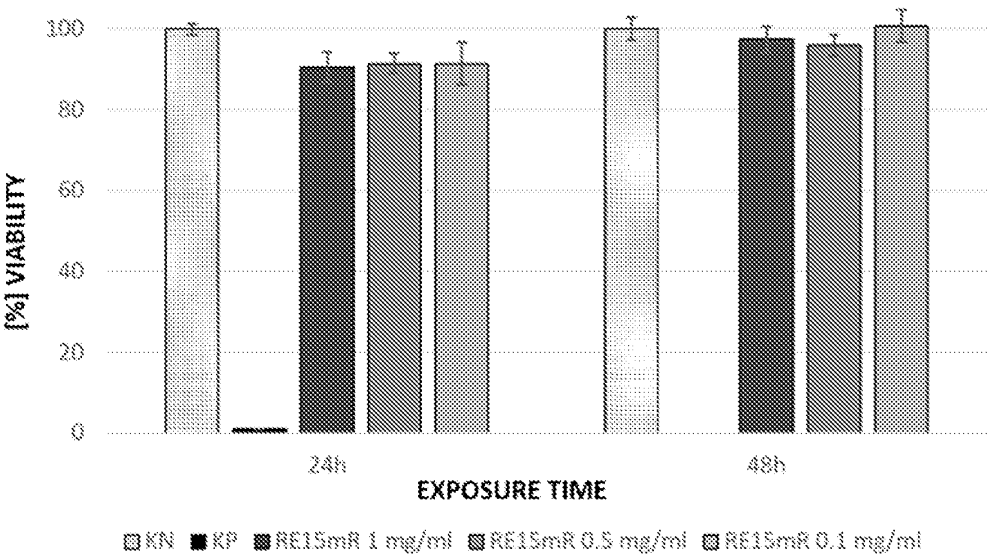


FIG. 17

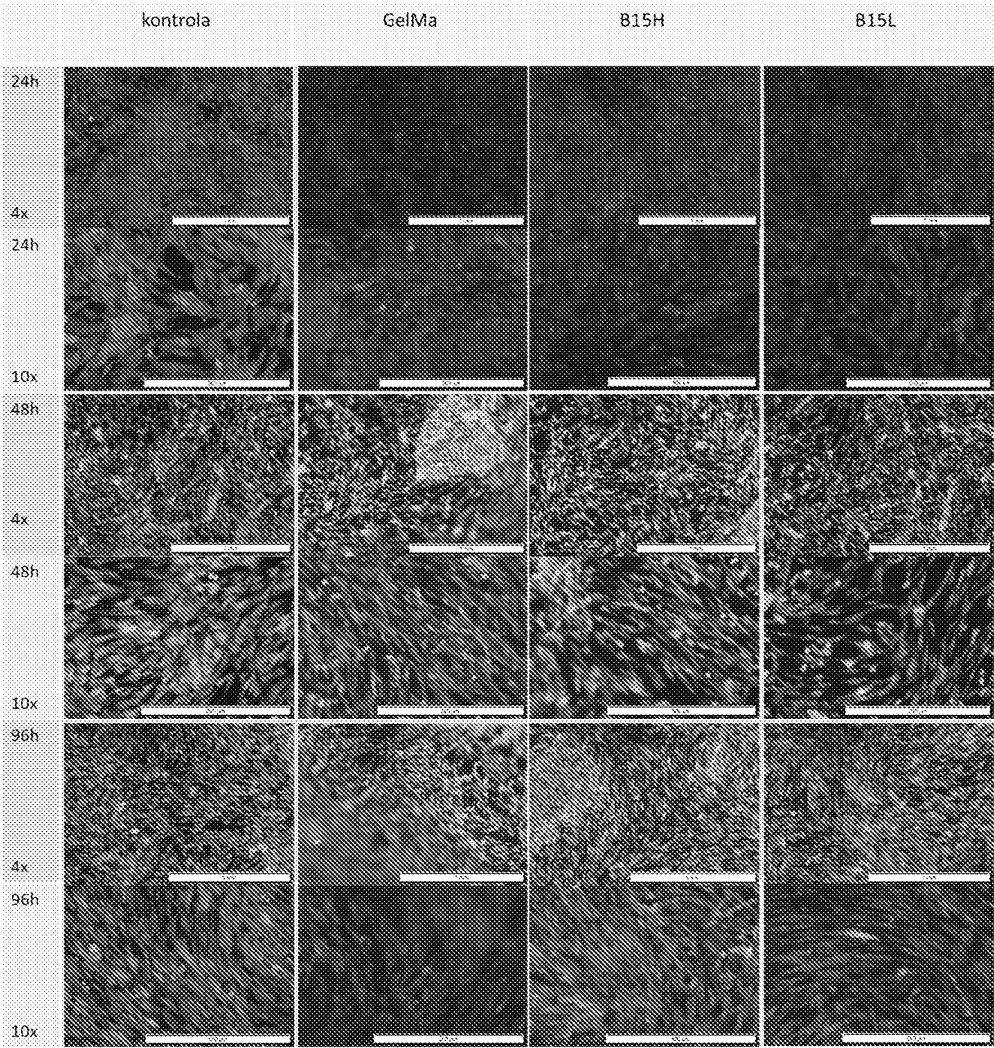


FIG. 16

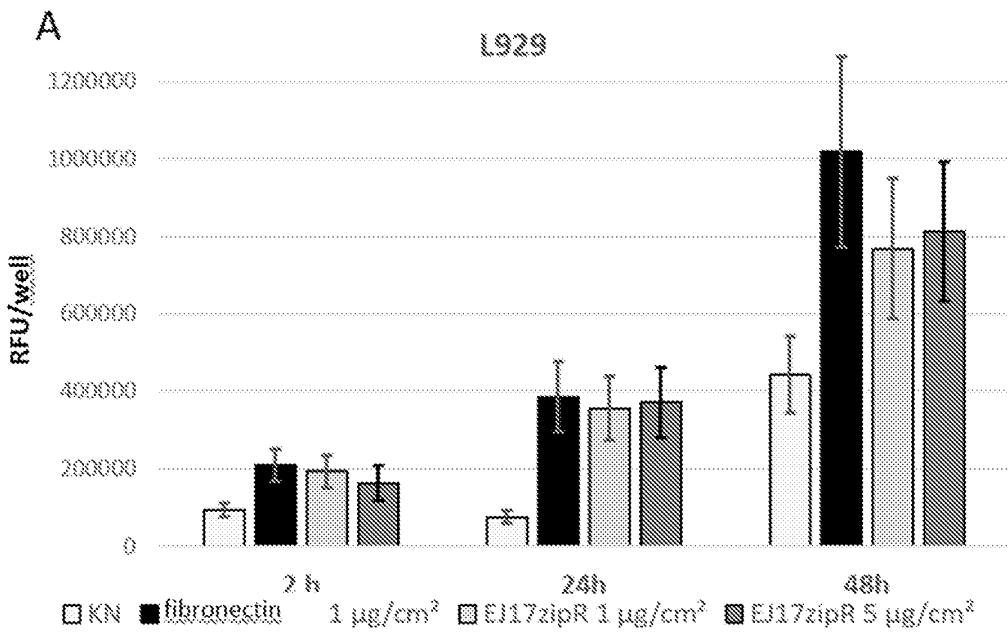


Fig. 18A

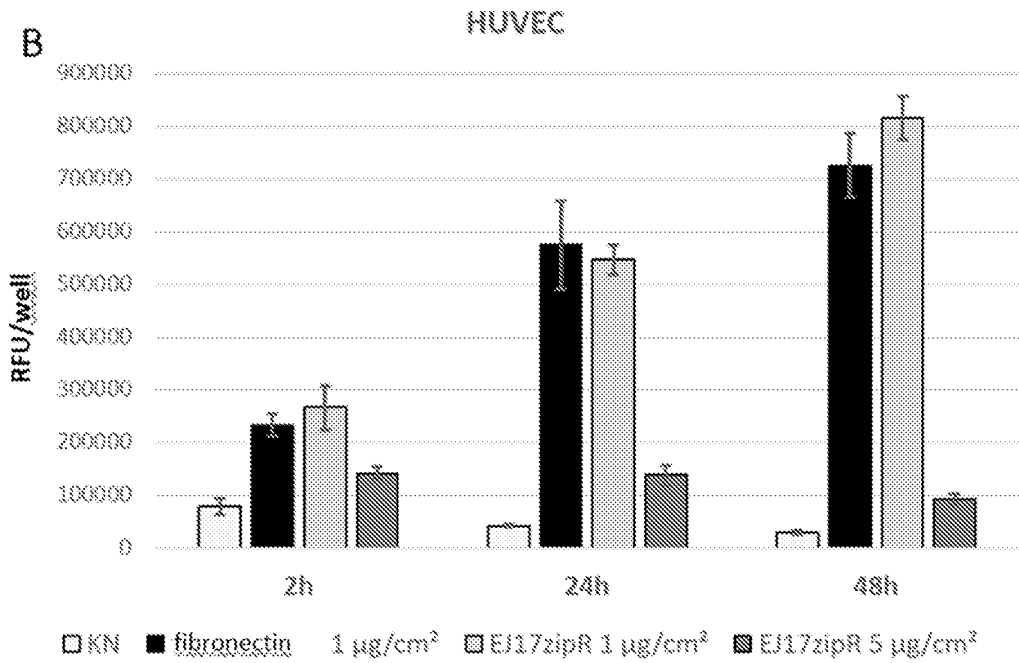


Fig. 18B

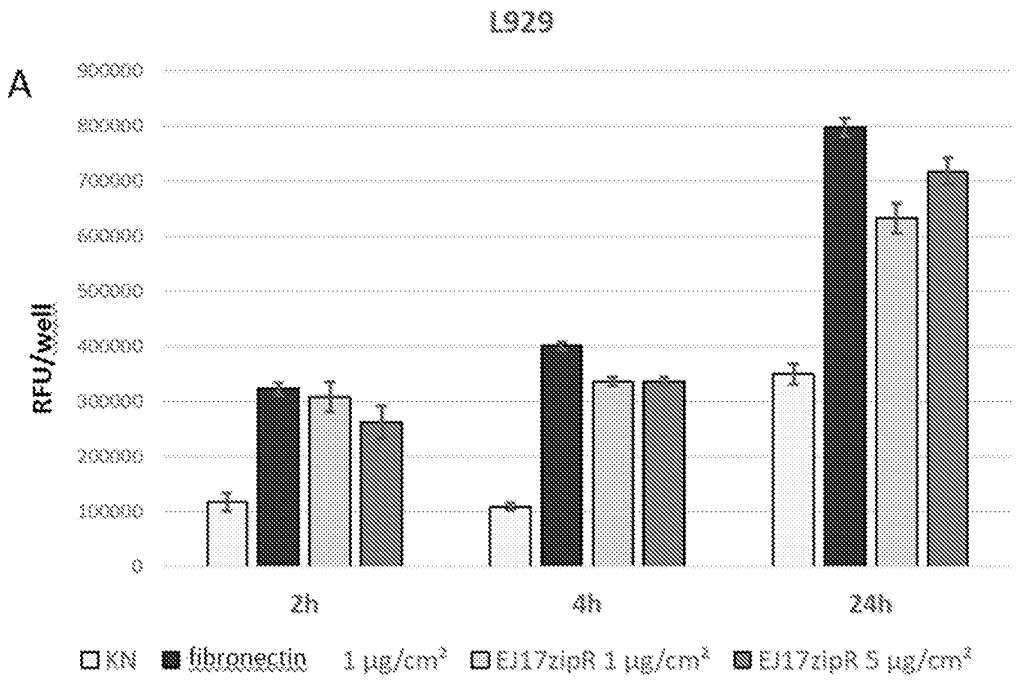


Fig 19A

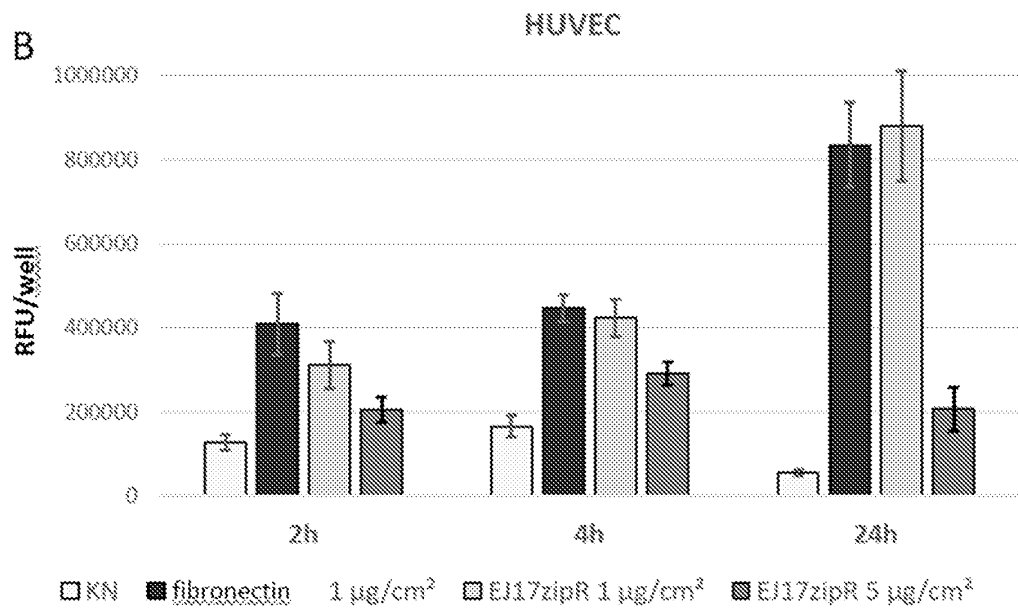


Fig 19B

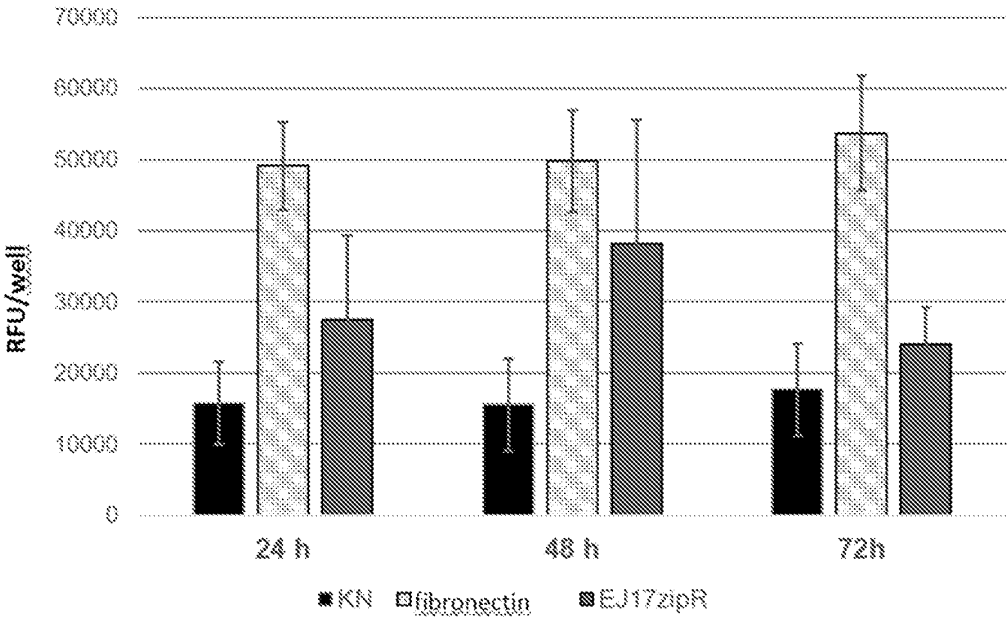


Fig. 20

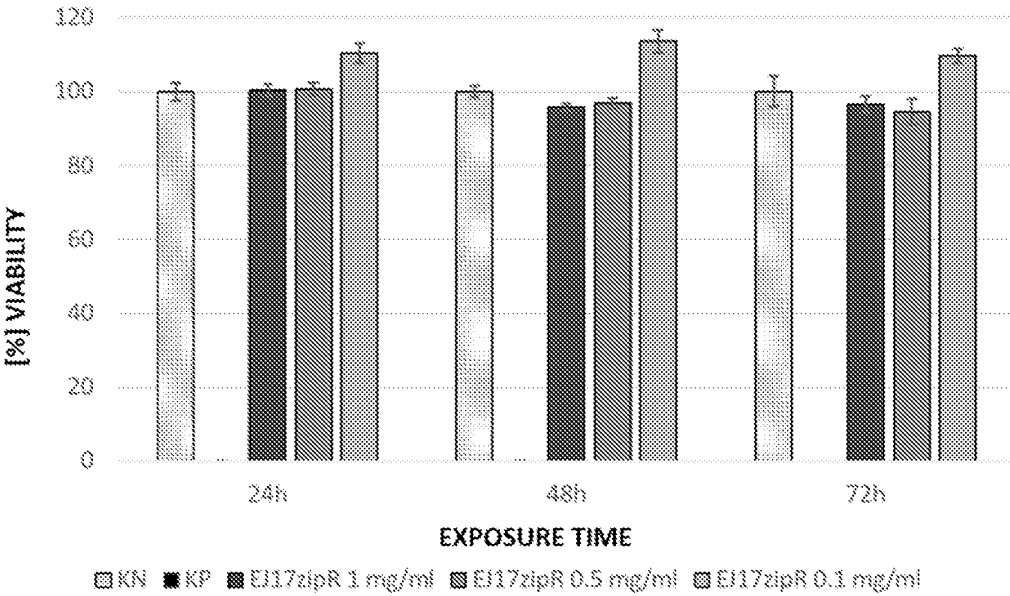


Fig. 22

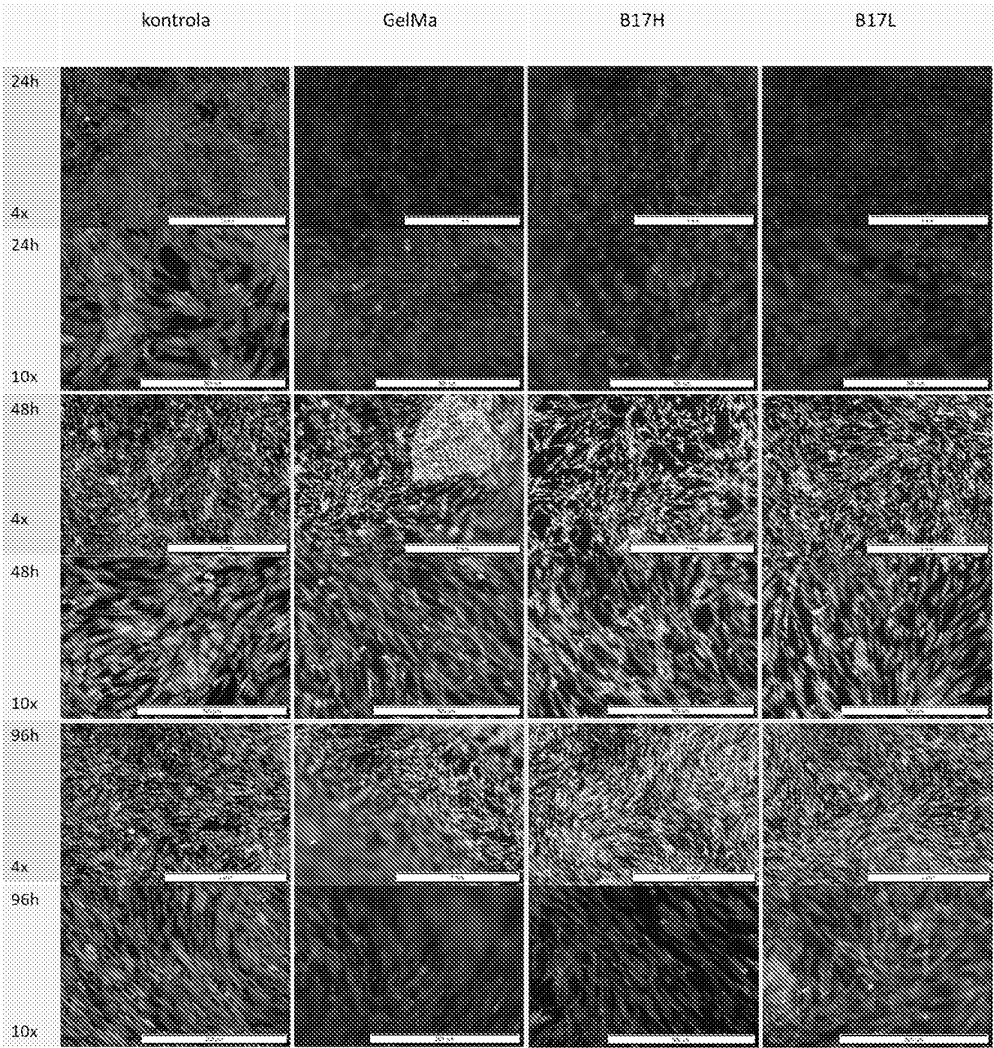


Fig. 21

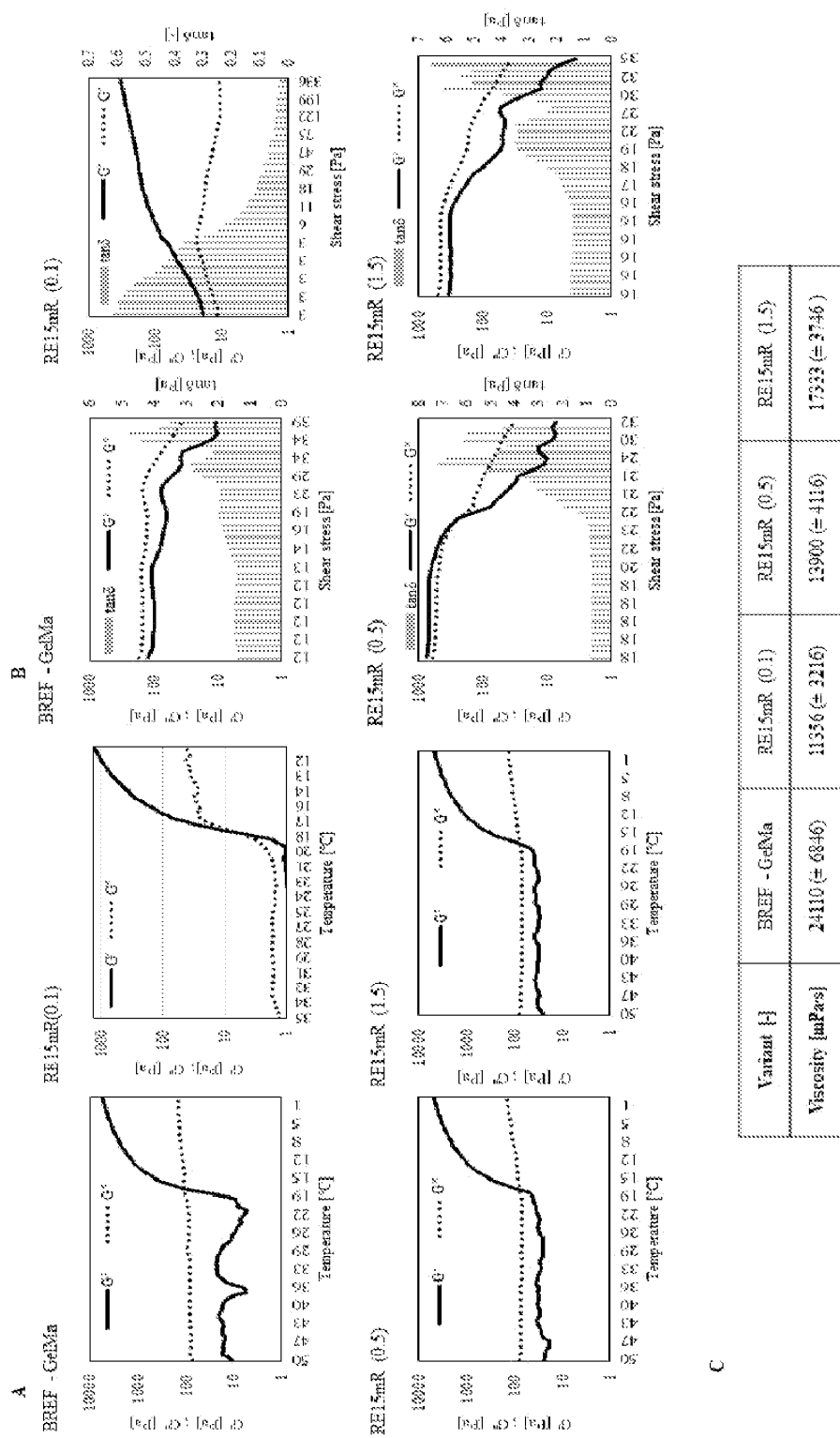


Fig. 23

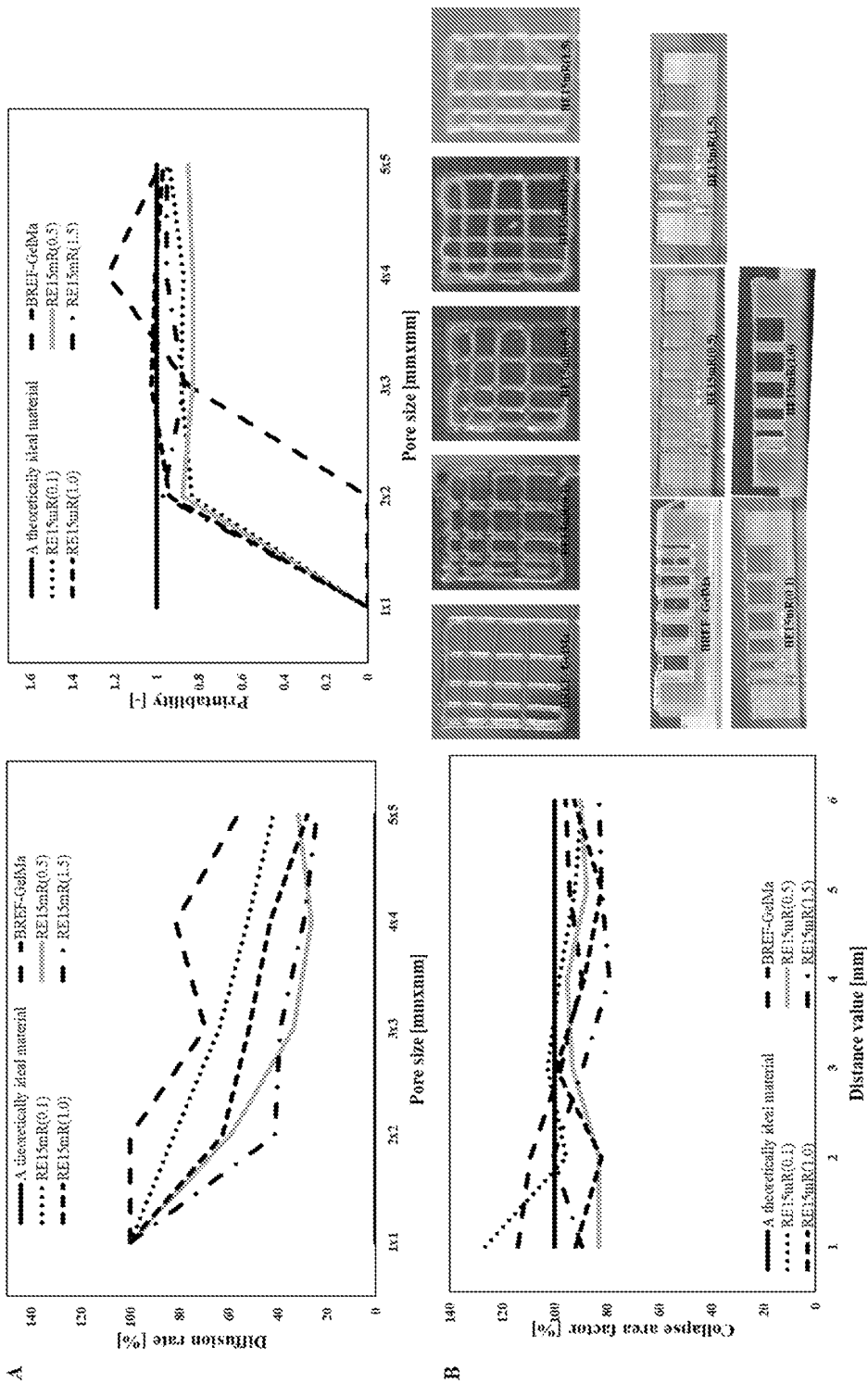


Fig. 24

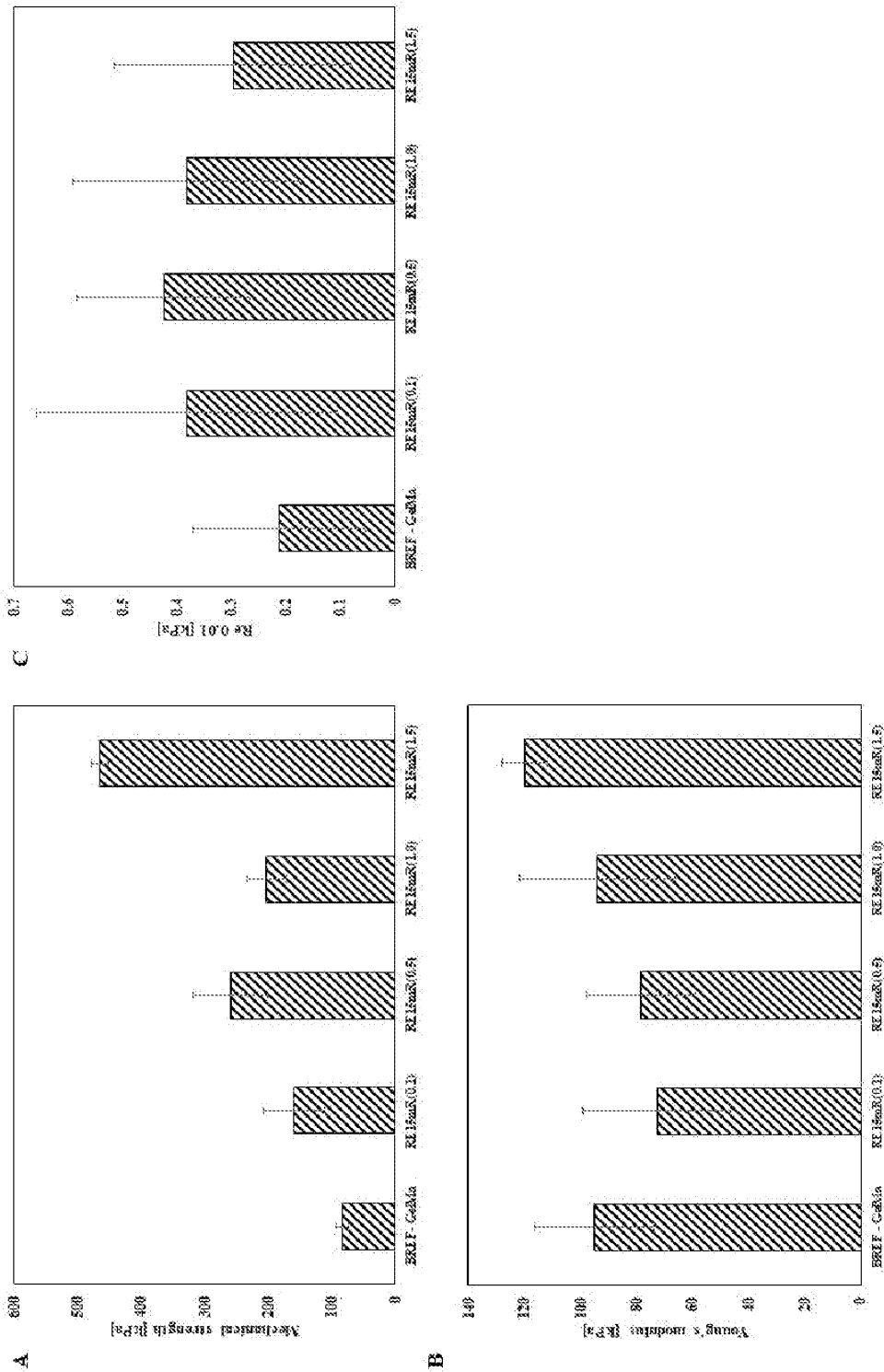


Fig. 25

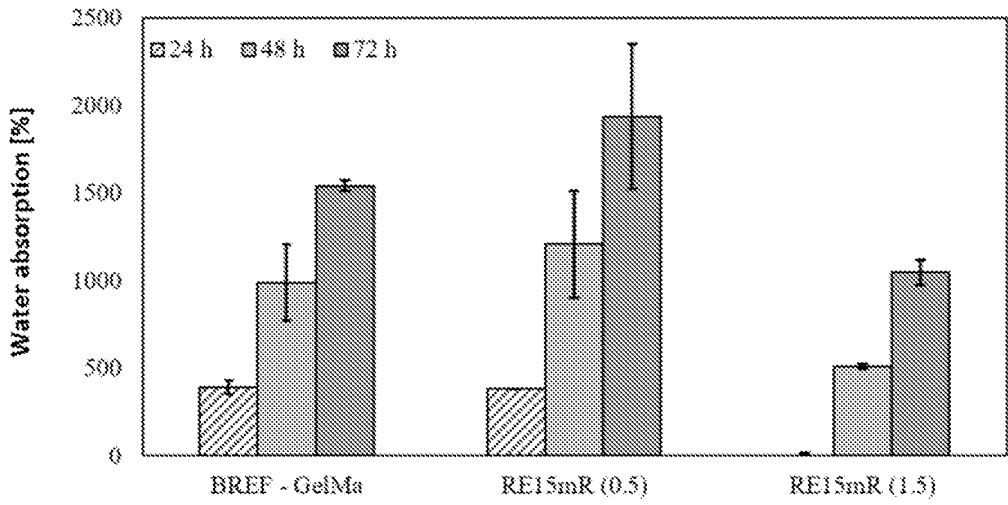


Fig. 26

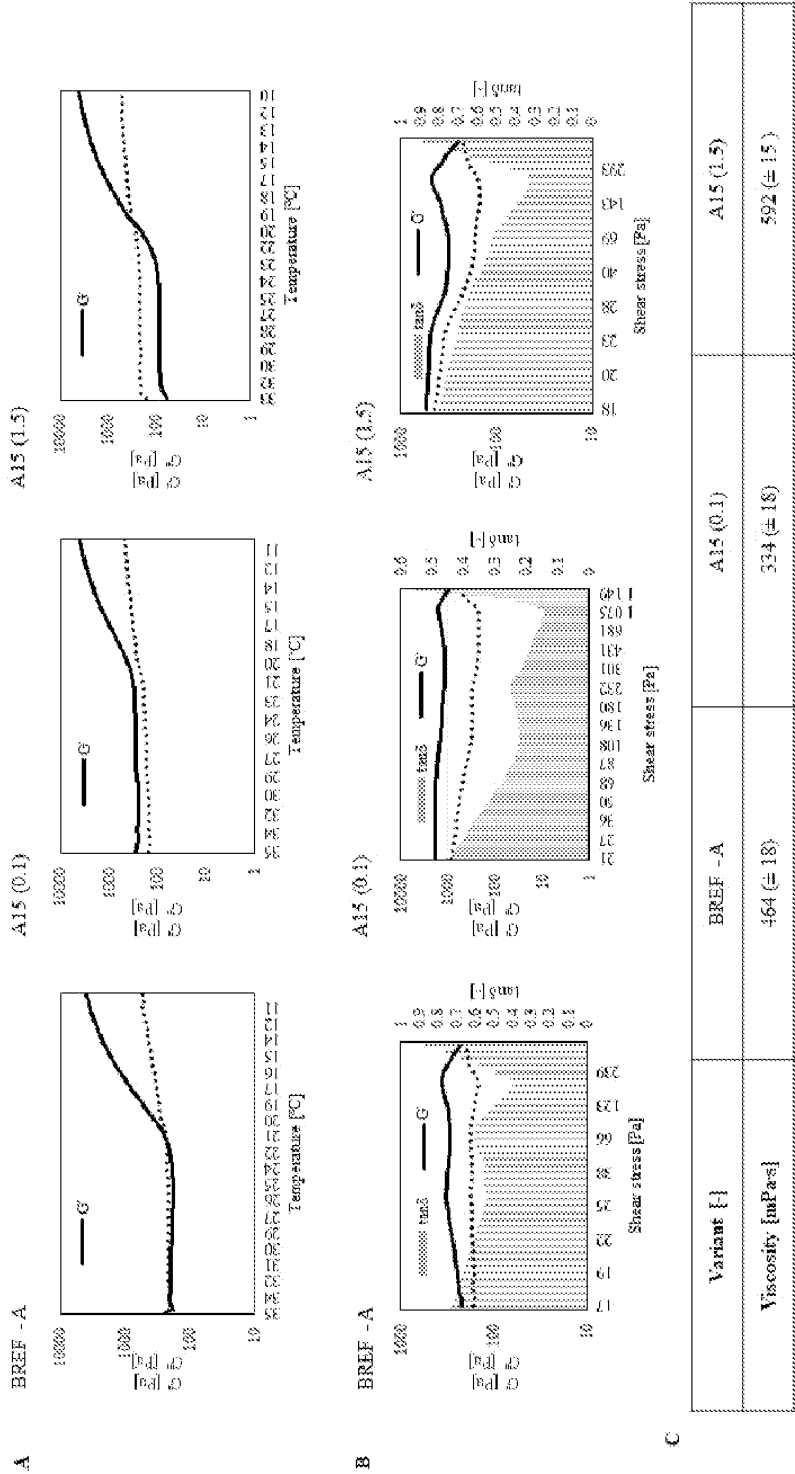
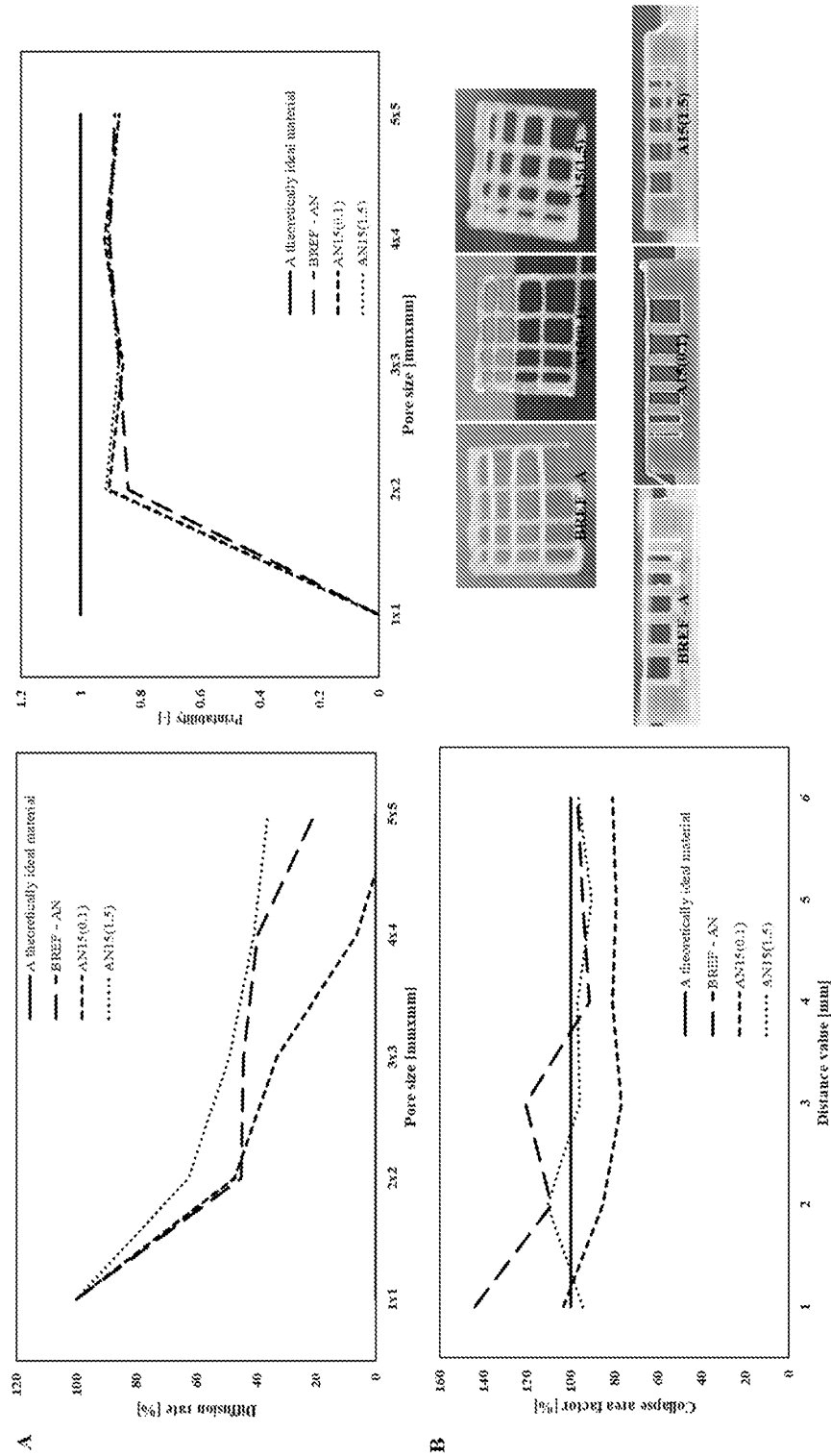


Fig. 27



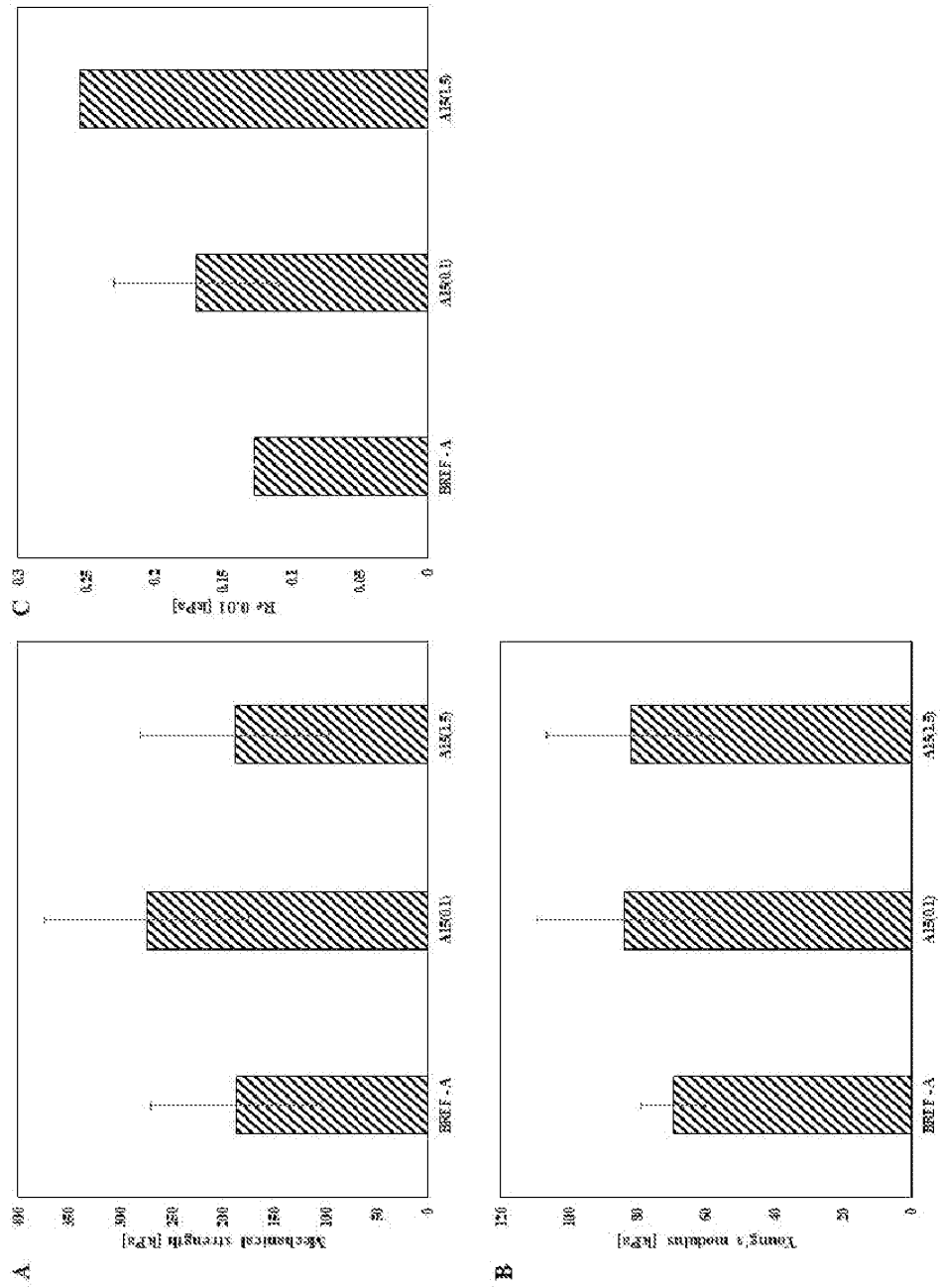


Fig. 29

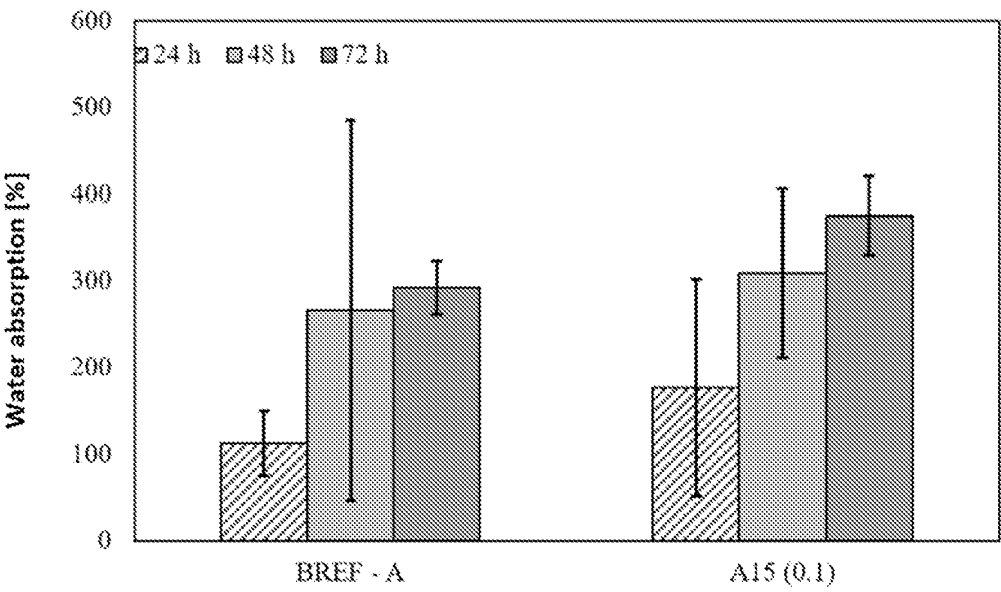


Fig. 30

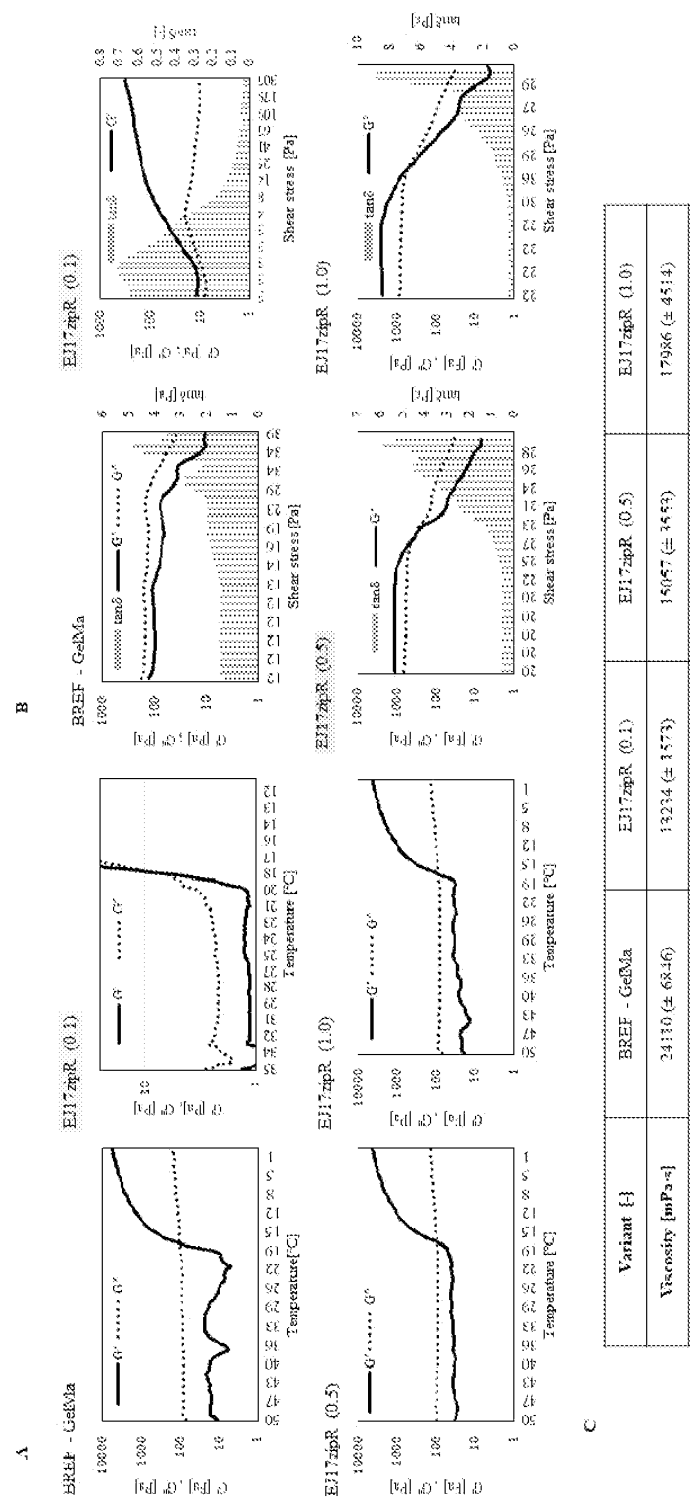


Fig. 31

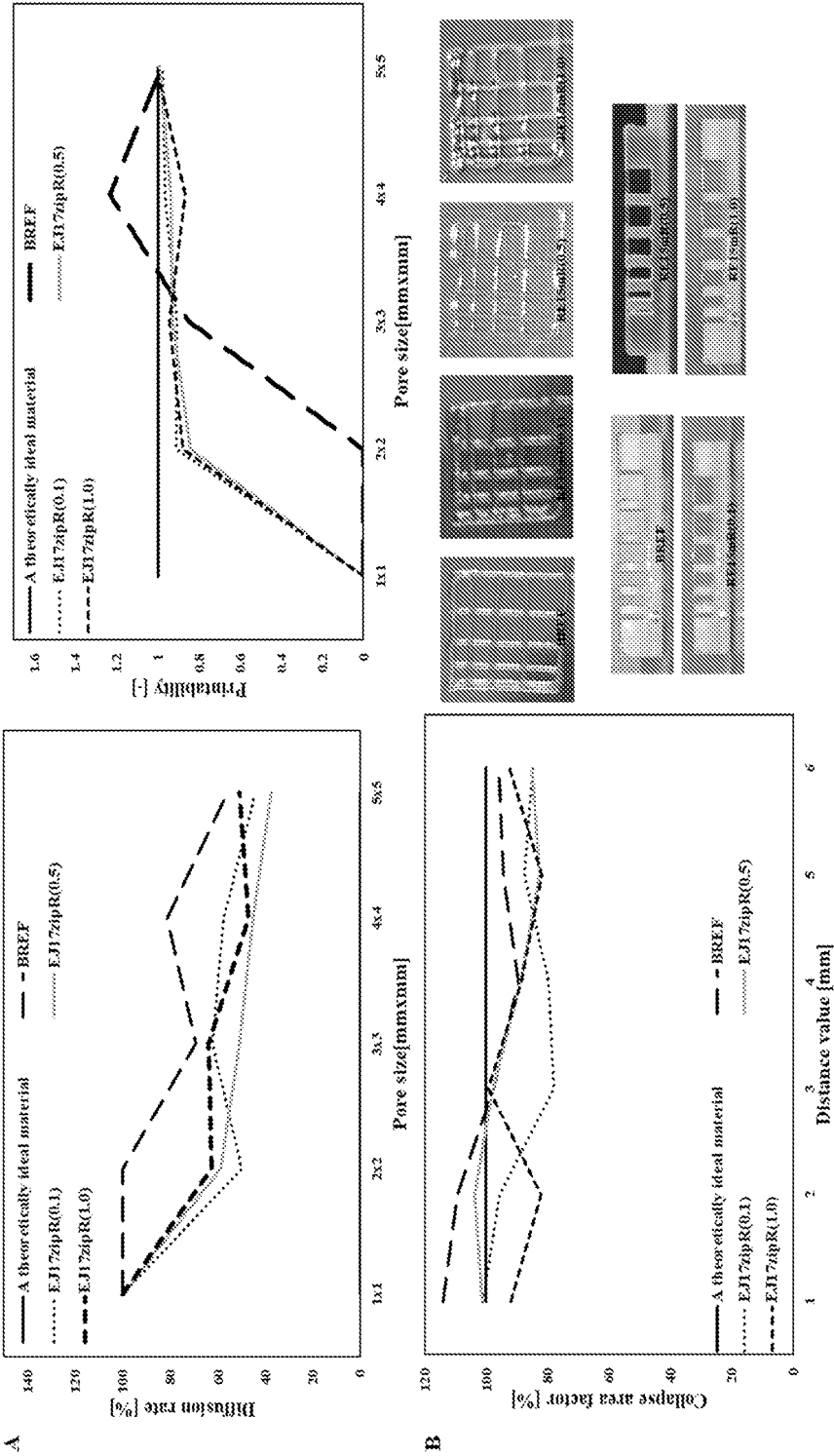


Fig. 32

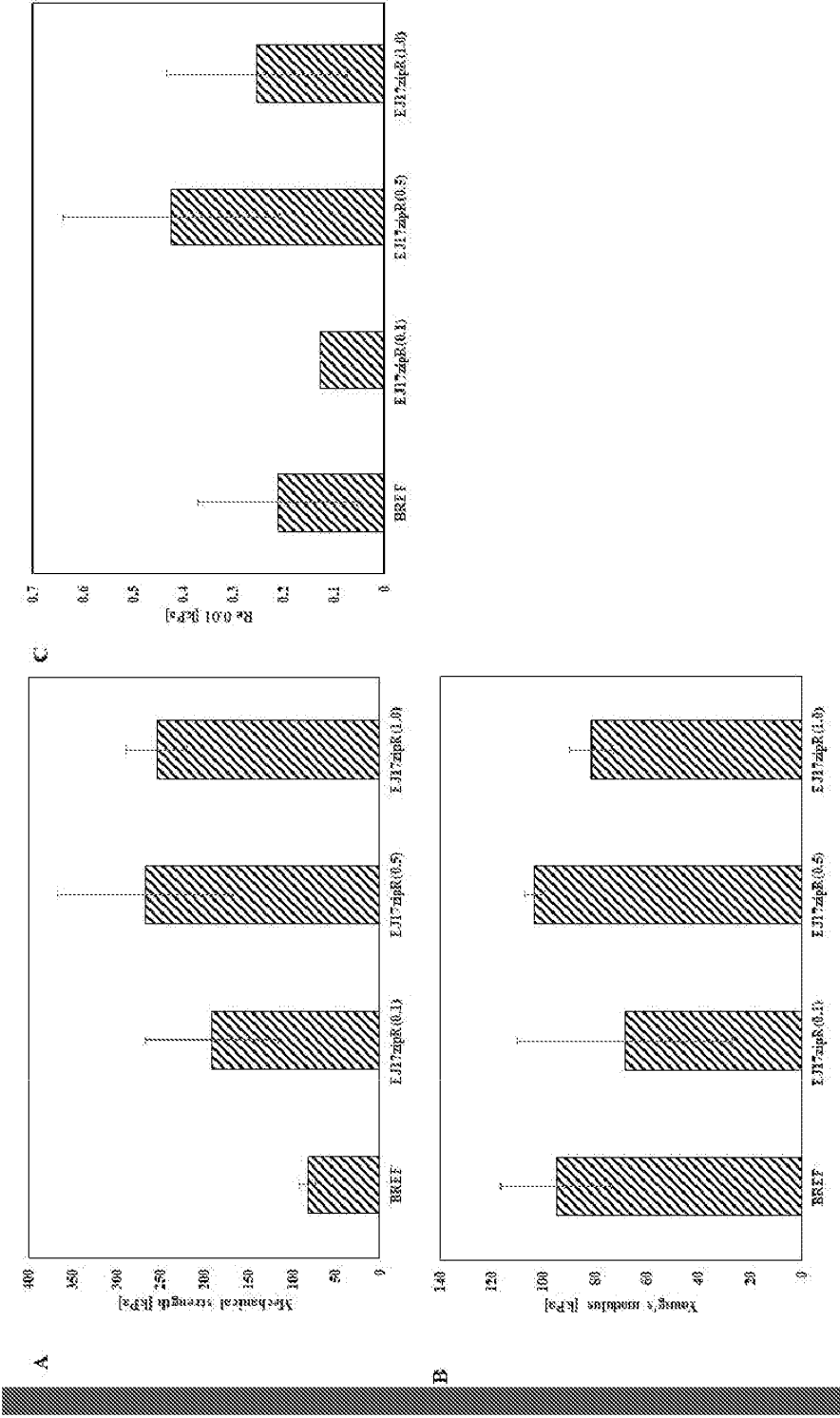


Fig. 33

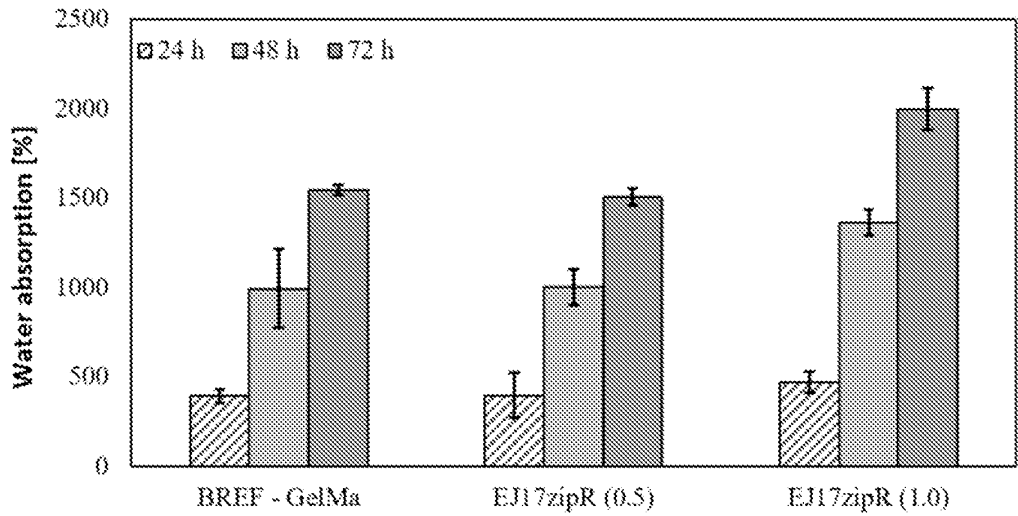


Fig. 34

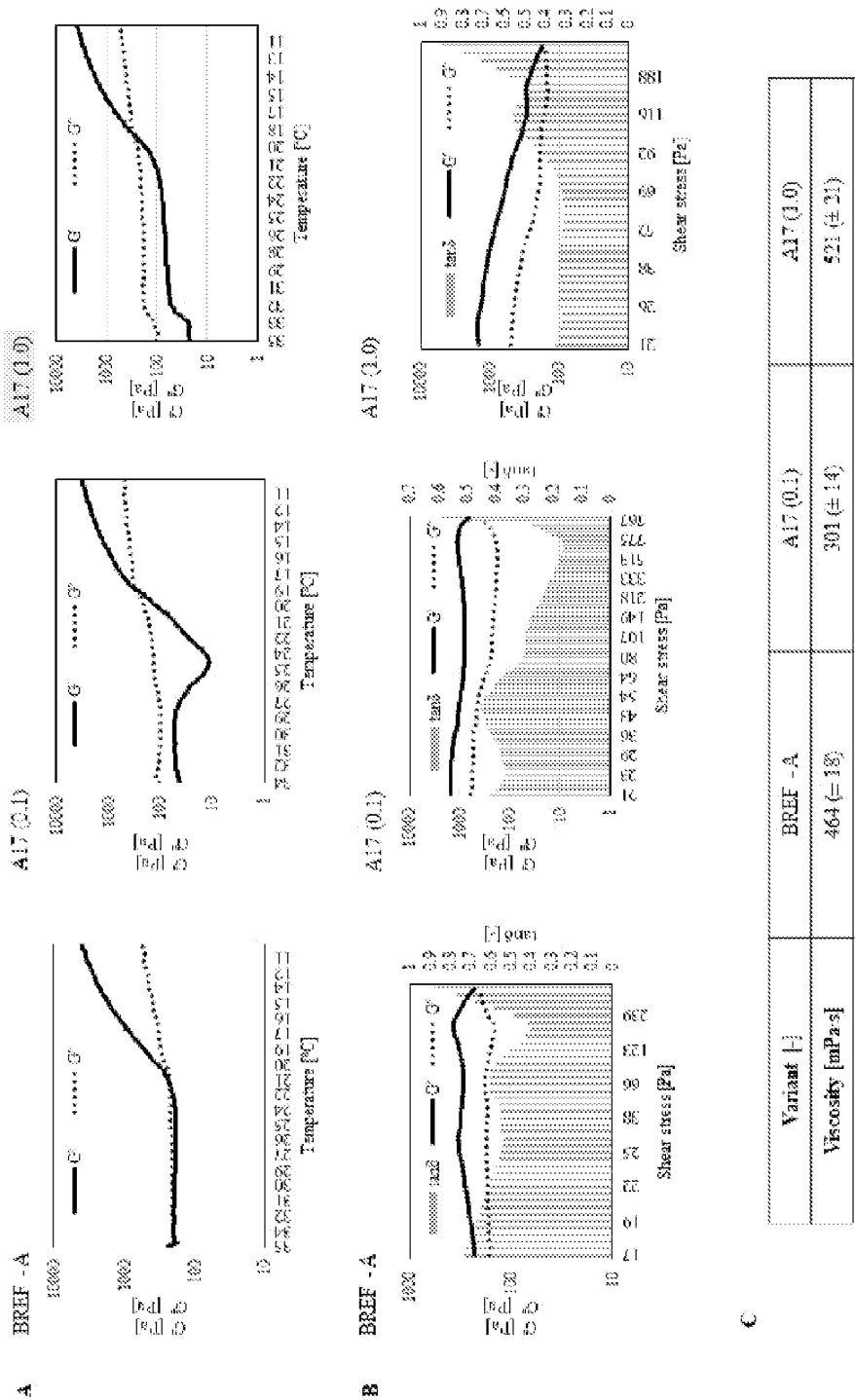
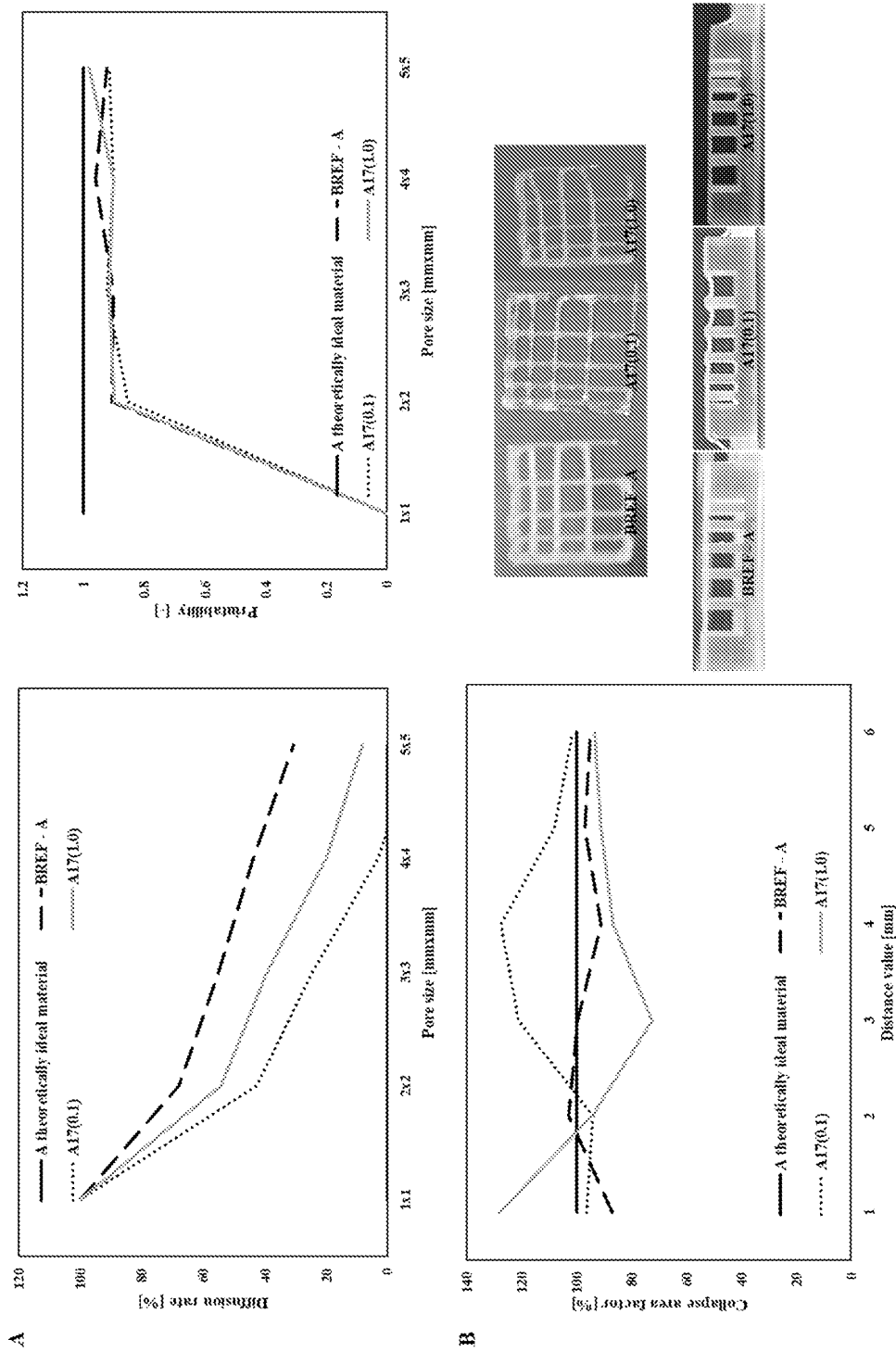


Fig. 35



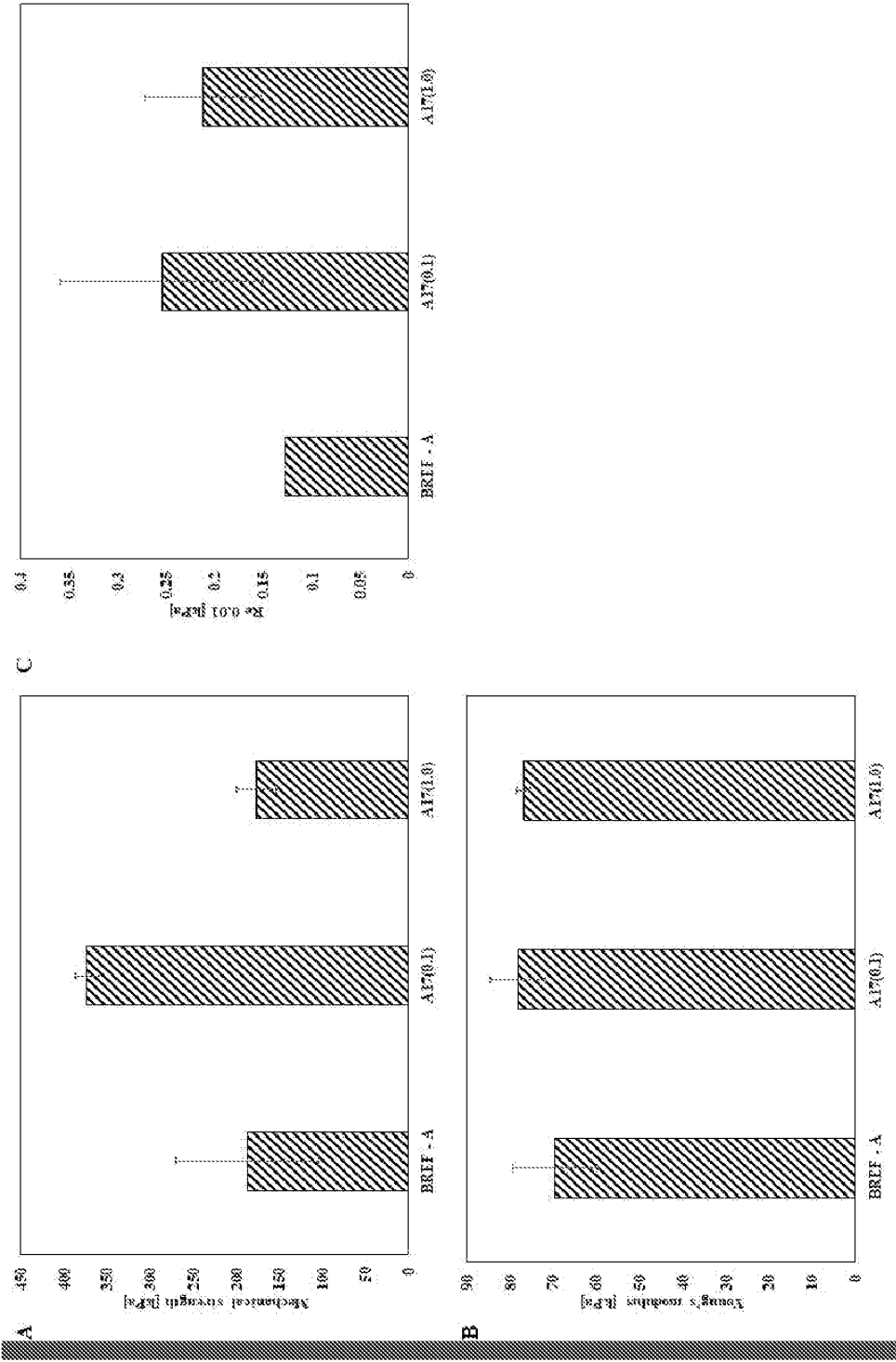


Fig. 37

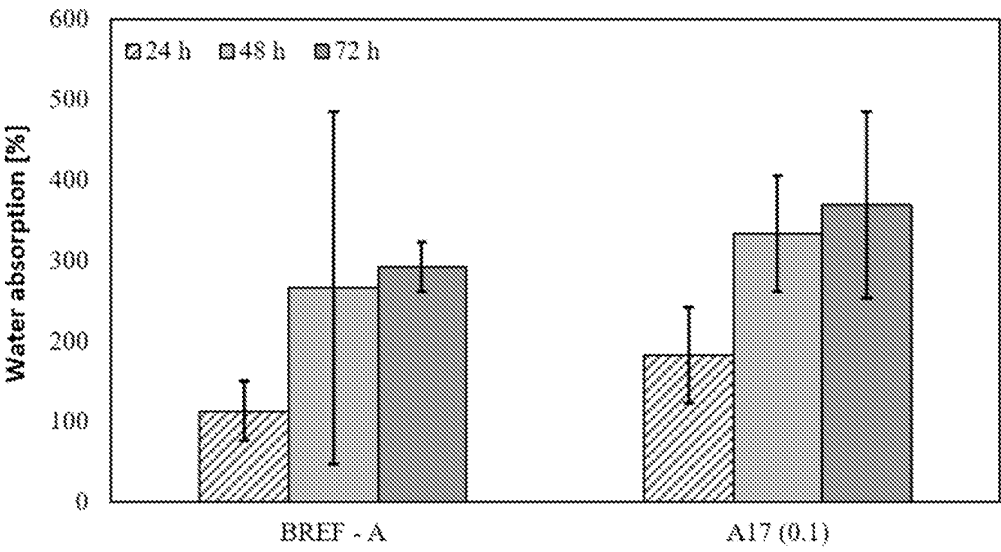


Fig. 38