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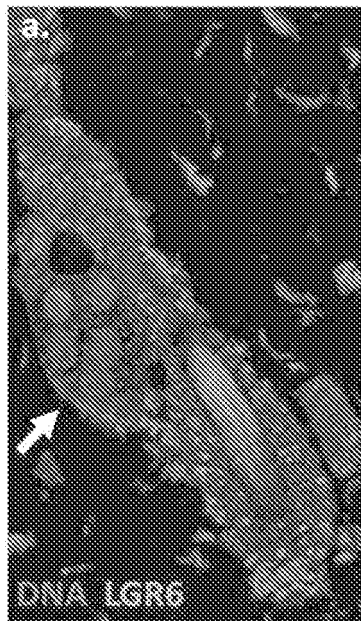


FIG. 1A

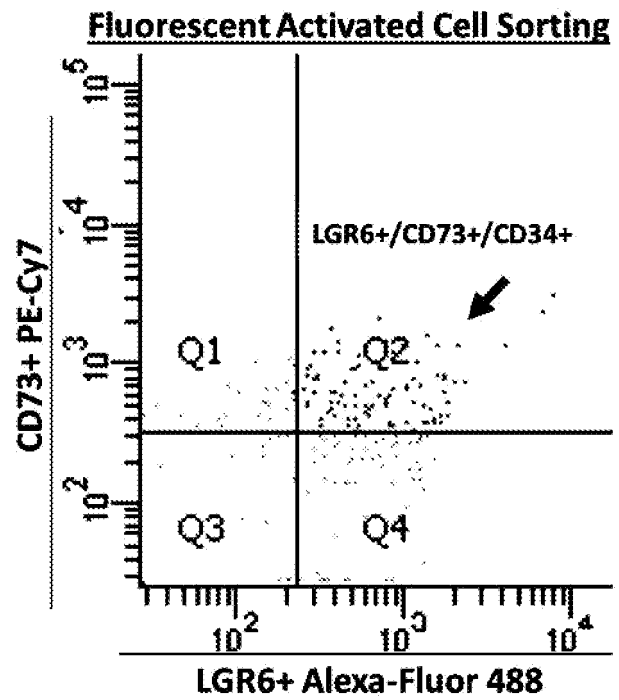


FIG. 1B

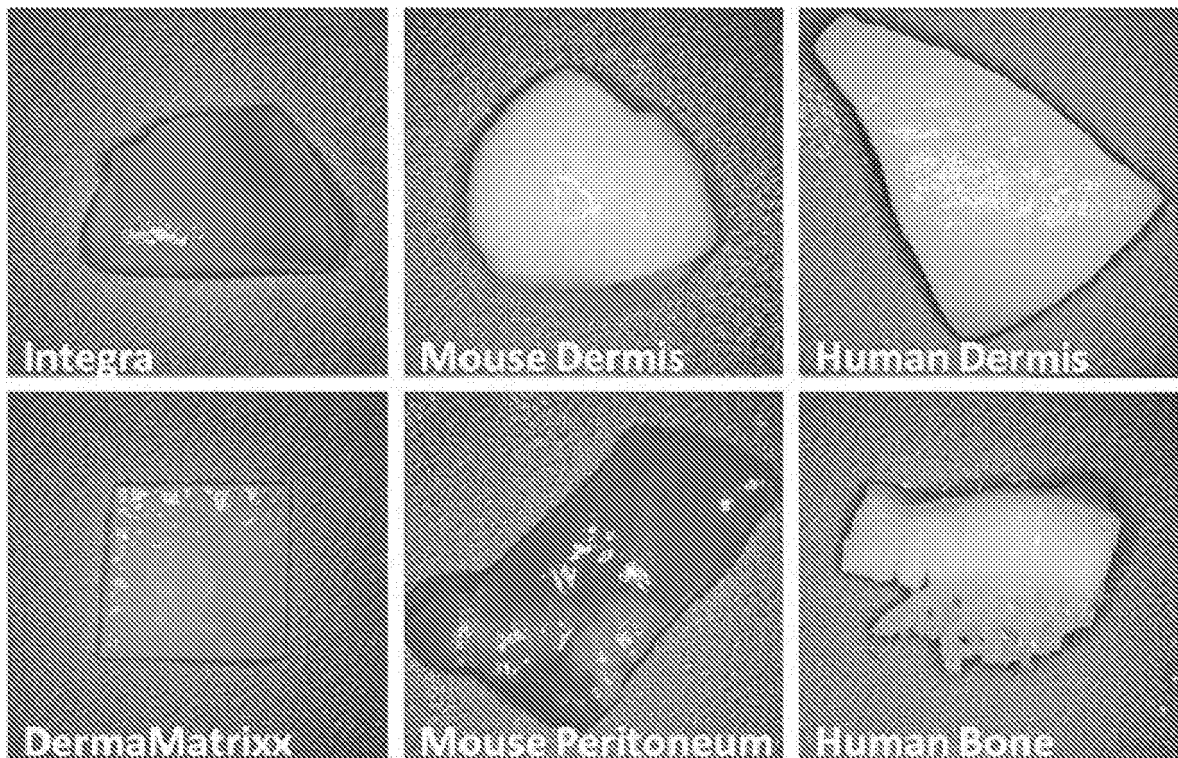


FIG. 1C

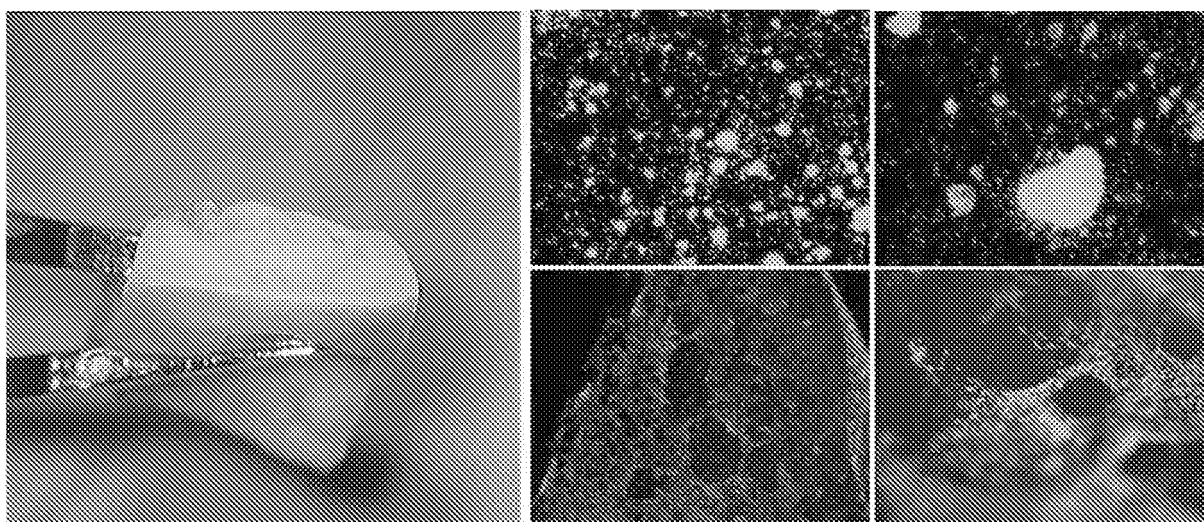
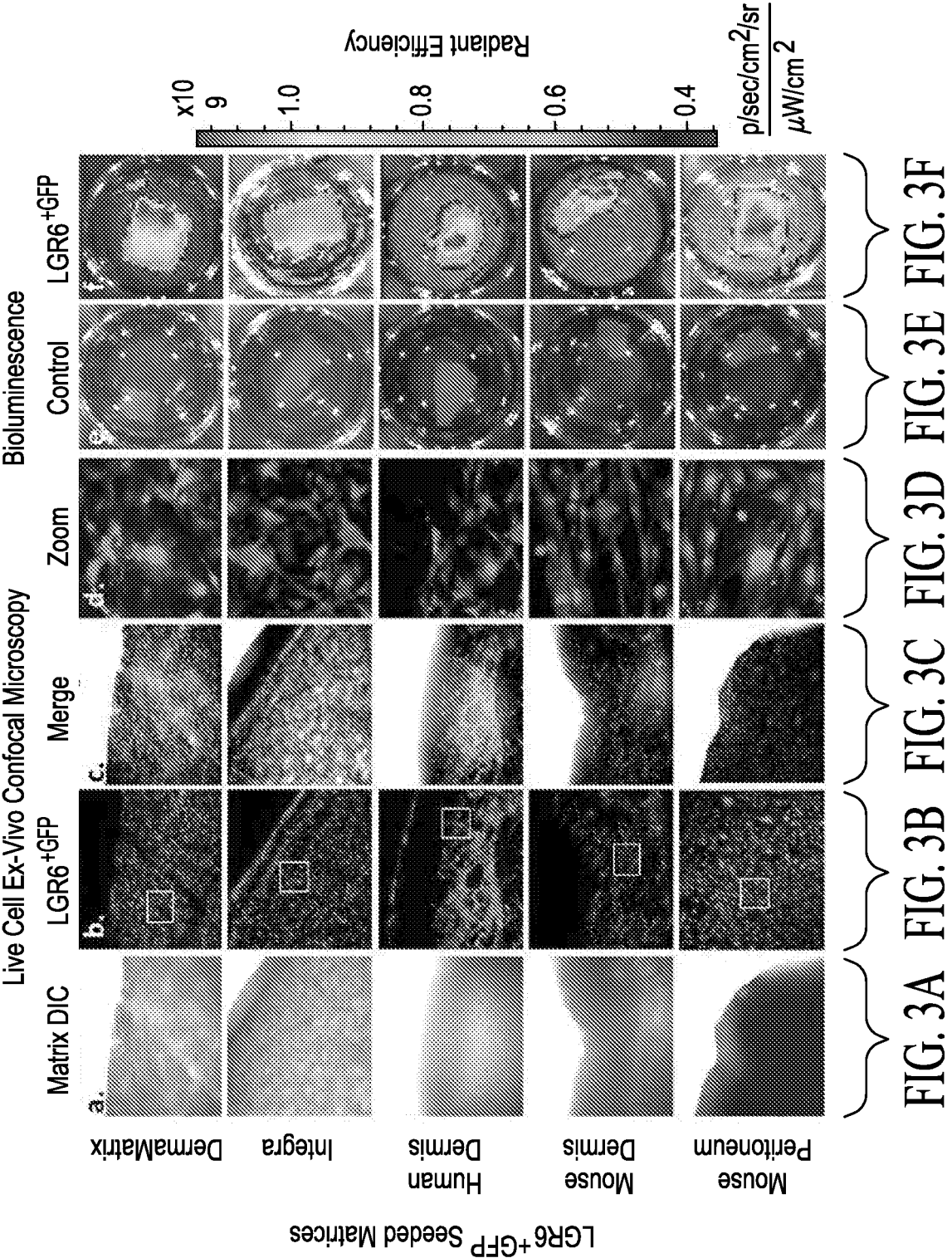


FIG. 2A

FIG. 2B



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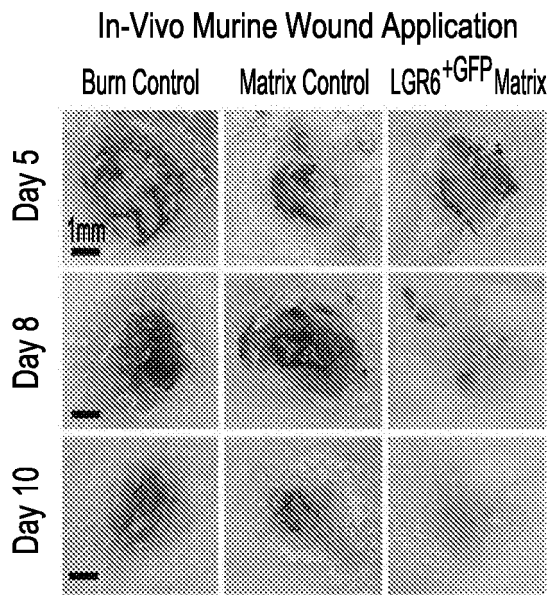


FIG. 4A

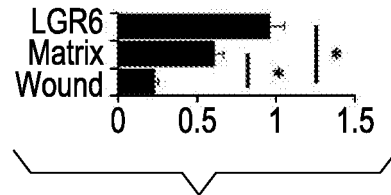
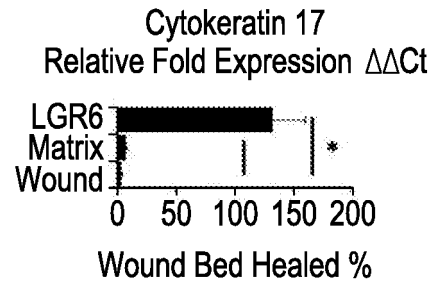


FIG. 4B

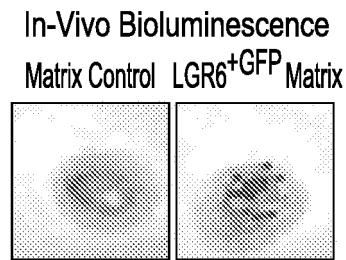


FIG. 4C

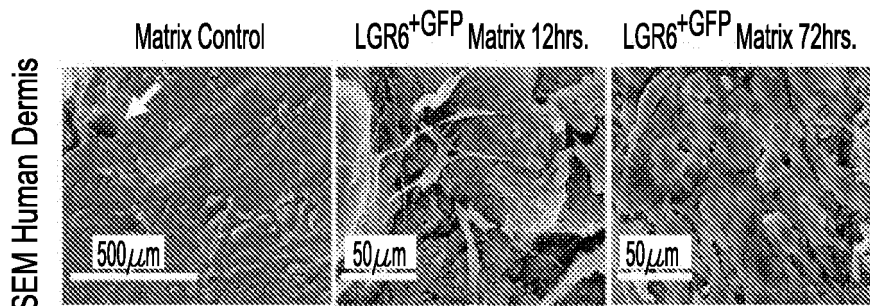


FIG. 4D

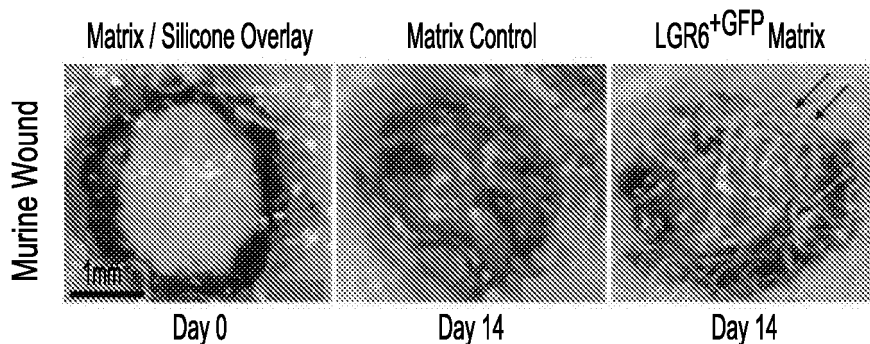


FIG. 4E

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FIG. 5A

FIG. 5B

FIG. 5C

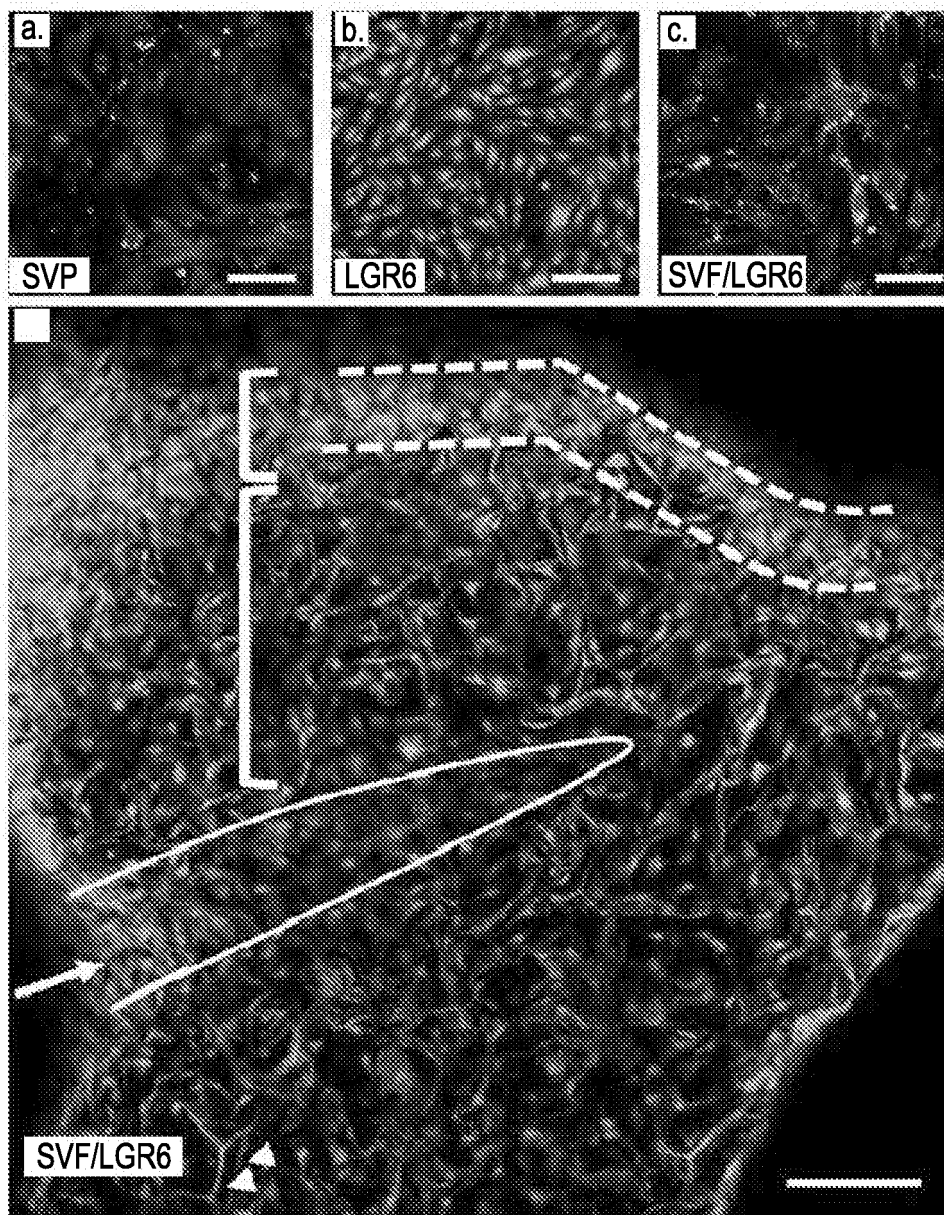


FIG. 5D

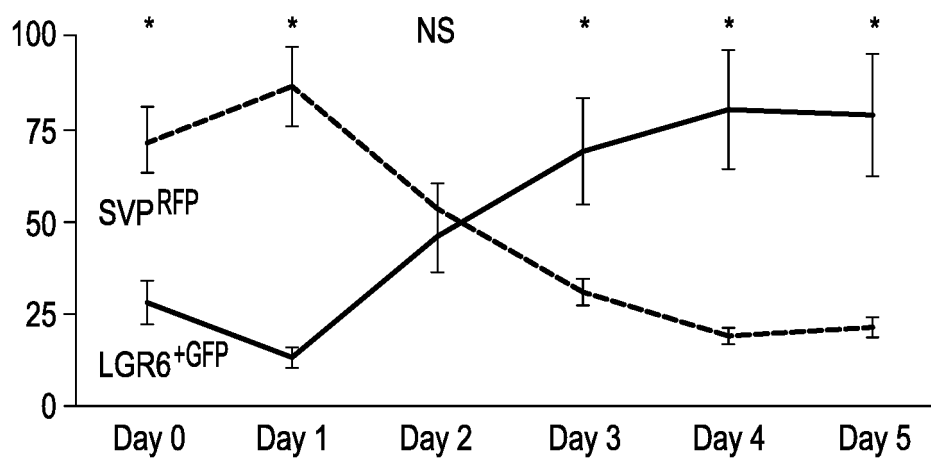


FIG. 5E

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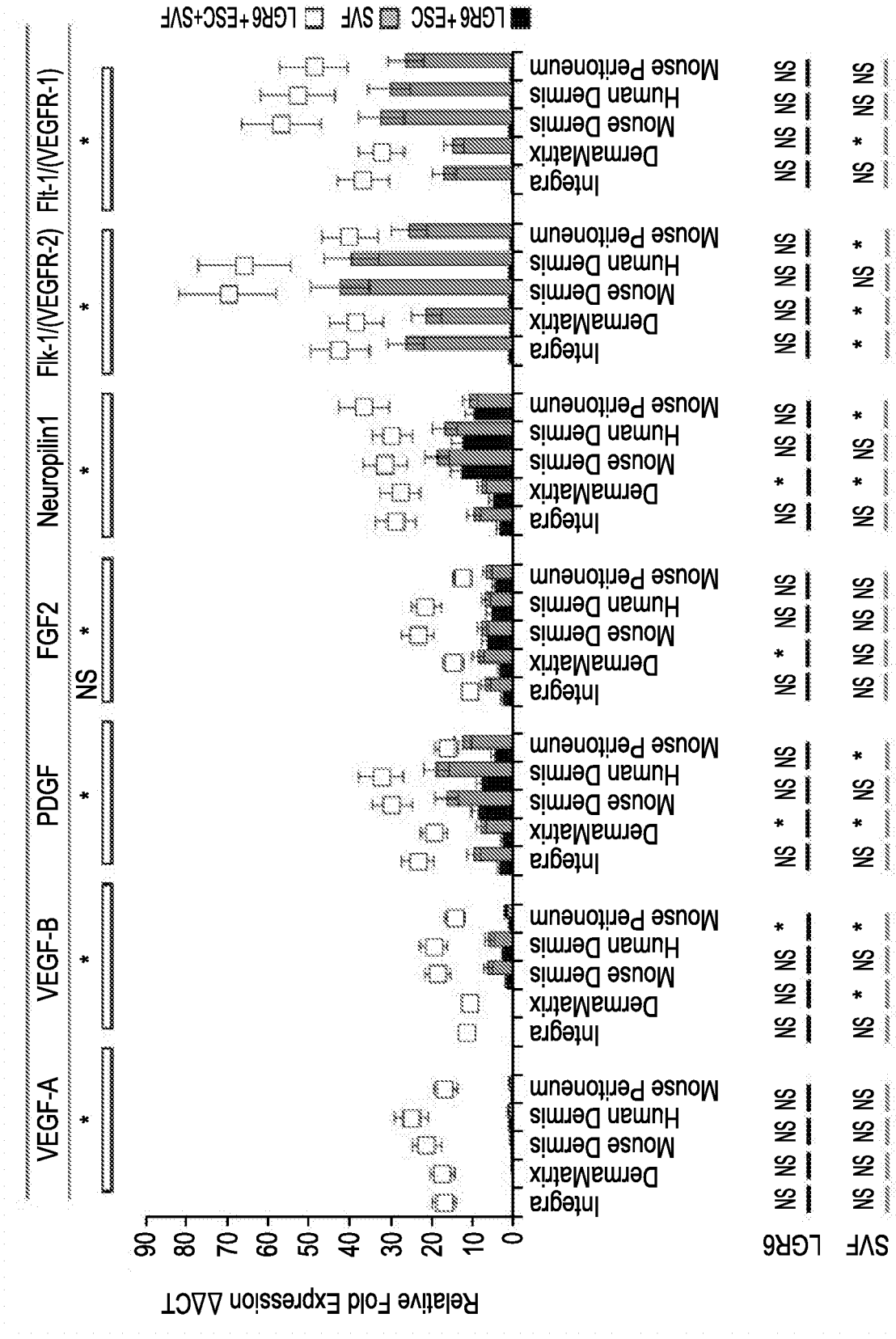


FIG. 6A

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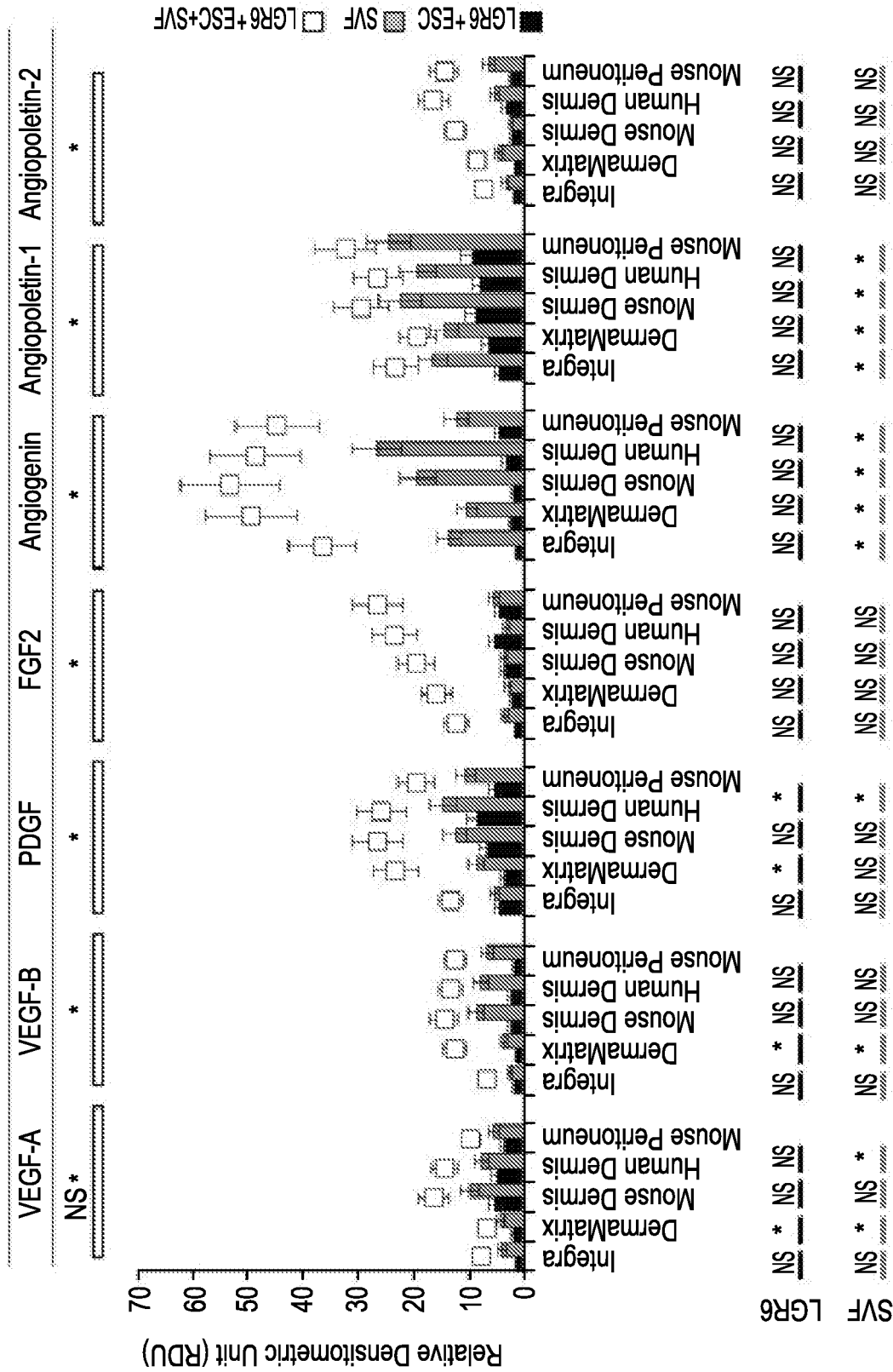


FIG. 6B

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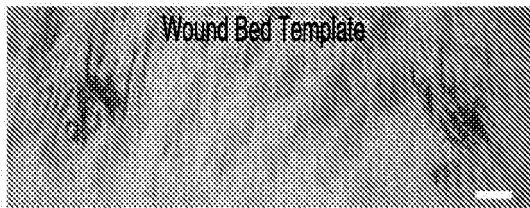


FIG. 7A

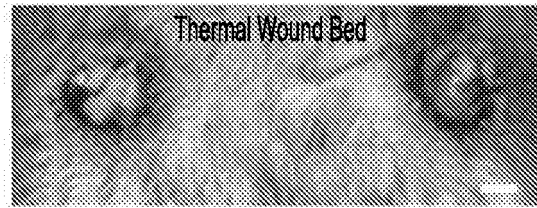


FIG. 7B



FIG. 7C

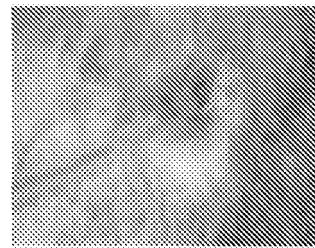


FIG. 7D

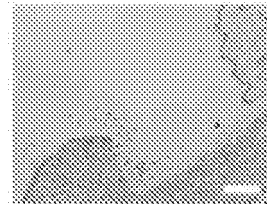


FIG. 7F

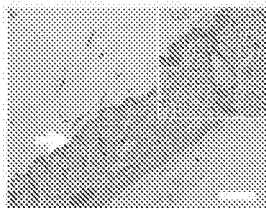


FIG. 7E

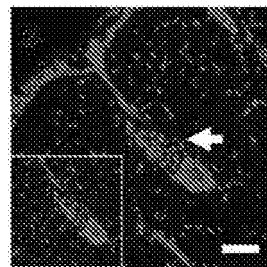


FIG. 7G

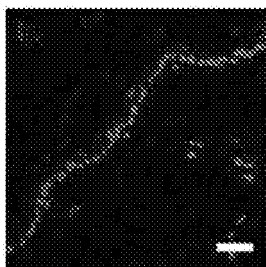
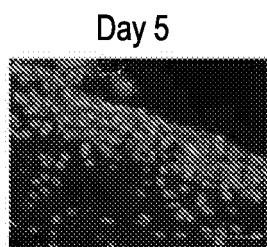


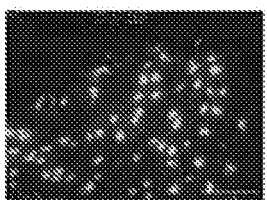
FIG. 7H

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DNA
FIG. 8A

Day 10



DNA
FIG. 8D

Day 5

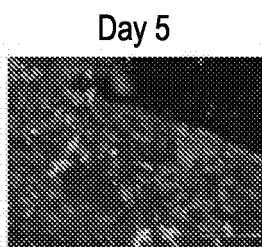


DNA
FIG. 8G

Day 10

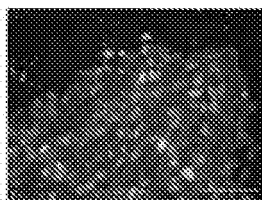


DNA
FIG. 8J



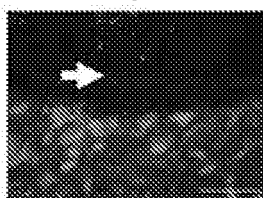
Bacterial 16S rRNA
FIG. 8B

Day 10



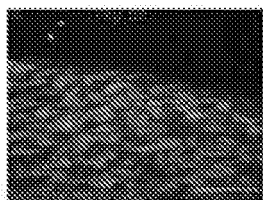
Bacterial 16S rRNA
FIG. 8E

Day 5

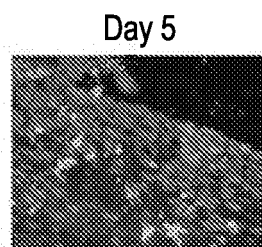


Bacterial 16S rRNA
FIG. 8H

Day 10

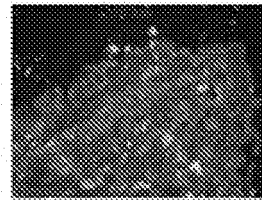


Bacterial 16S rRNA
FIG. 8K



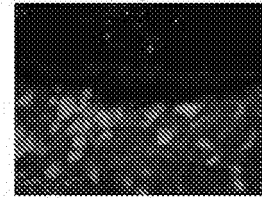
Merge
FIG. 8C

Day 10



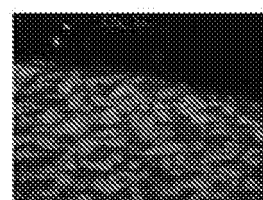
Merge
FIG. 8F

Day 5



Merge
FIG. 8I

Day 10



Merge
FIG. 8L

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FIG. 8M

FIG. 8N

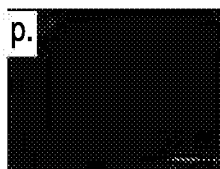
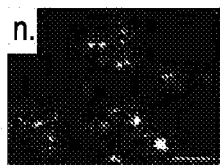


FIG. 8P

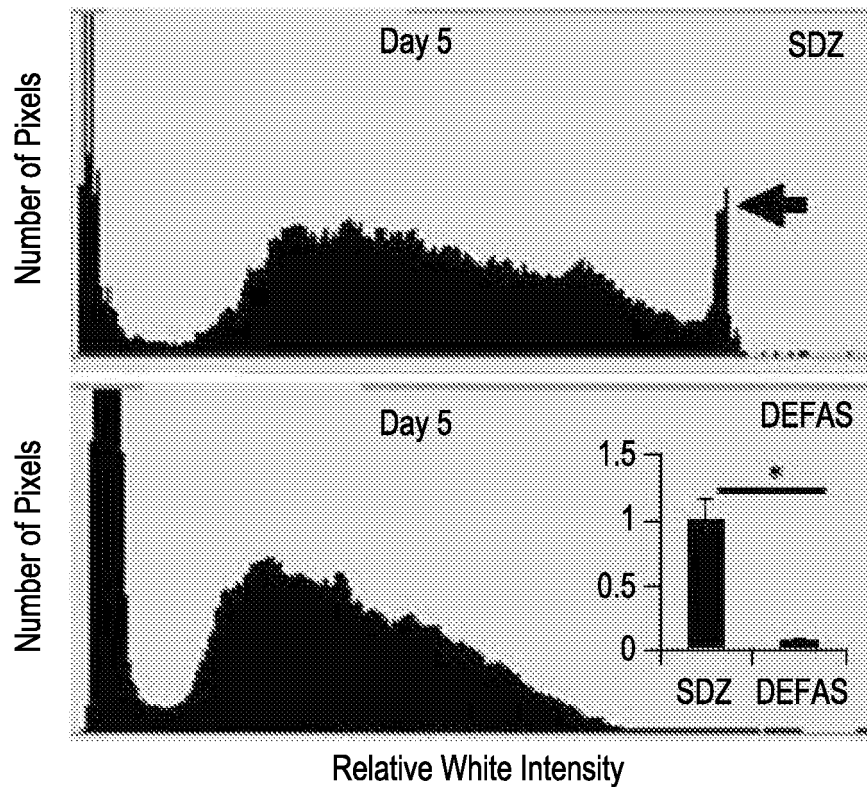


FIG. 8O

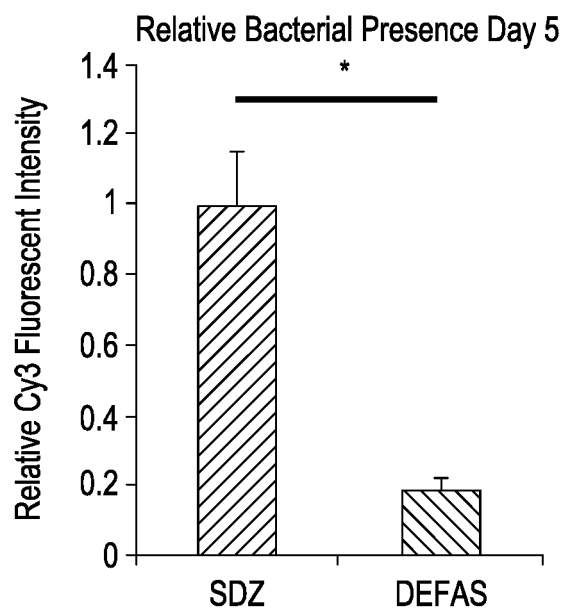
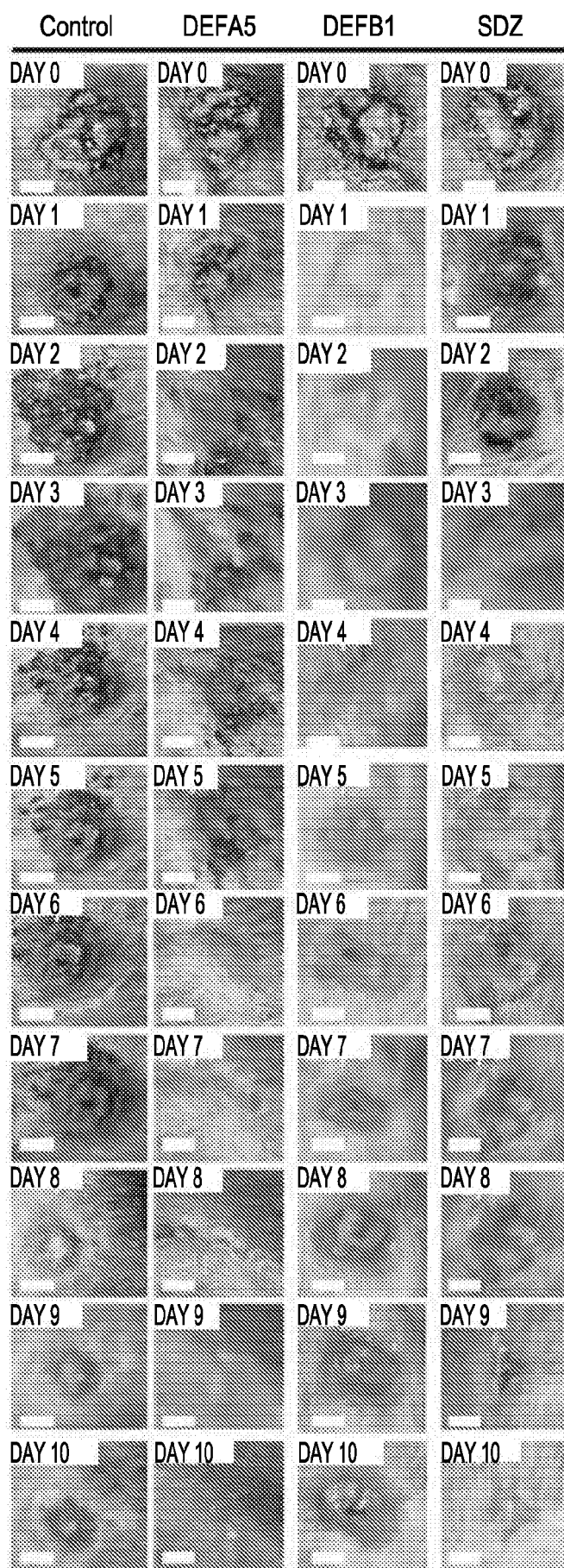


FIG. 8Q

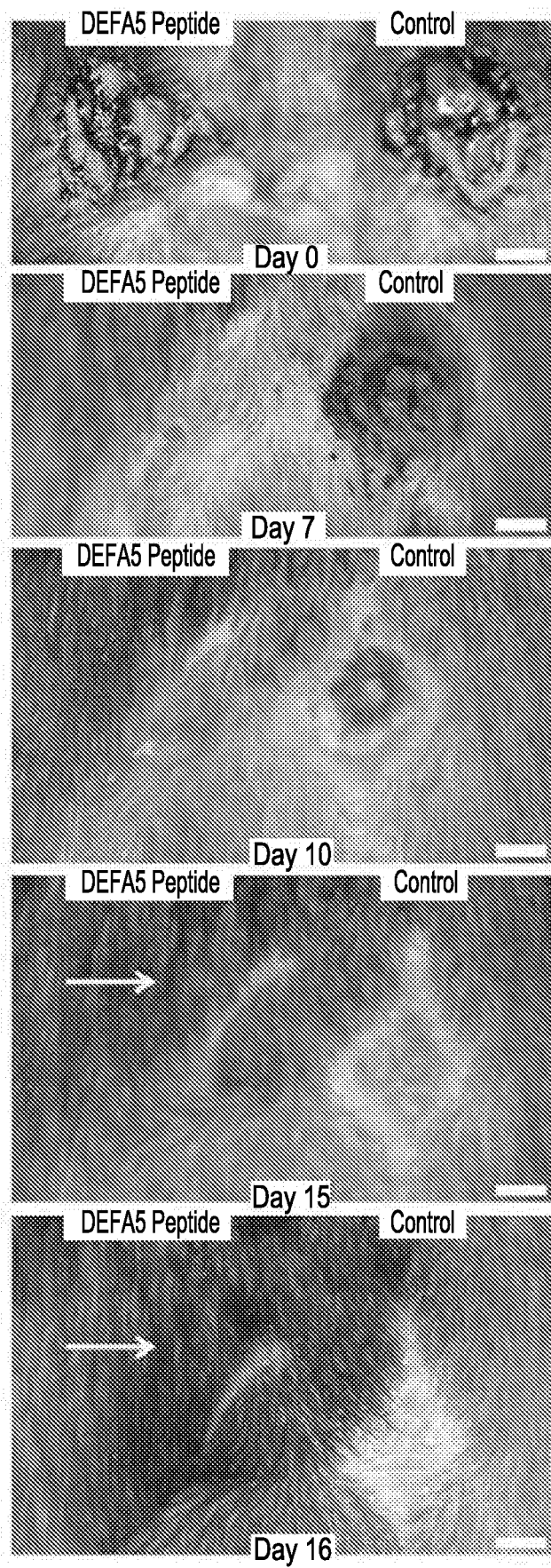
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FIG. 9A



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FIG. 9B



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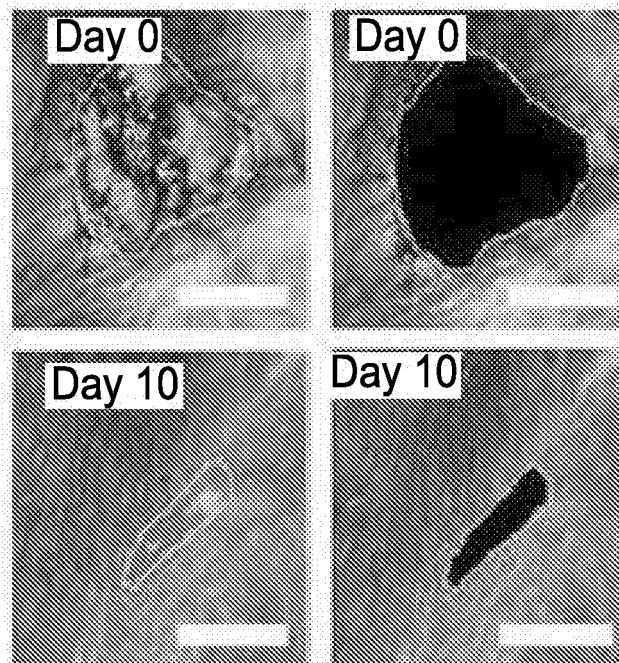


FIG. 10A

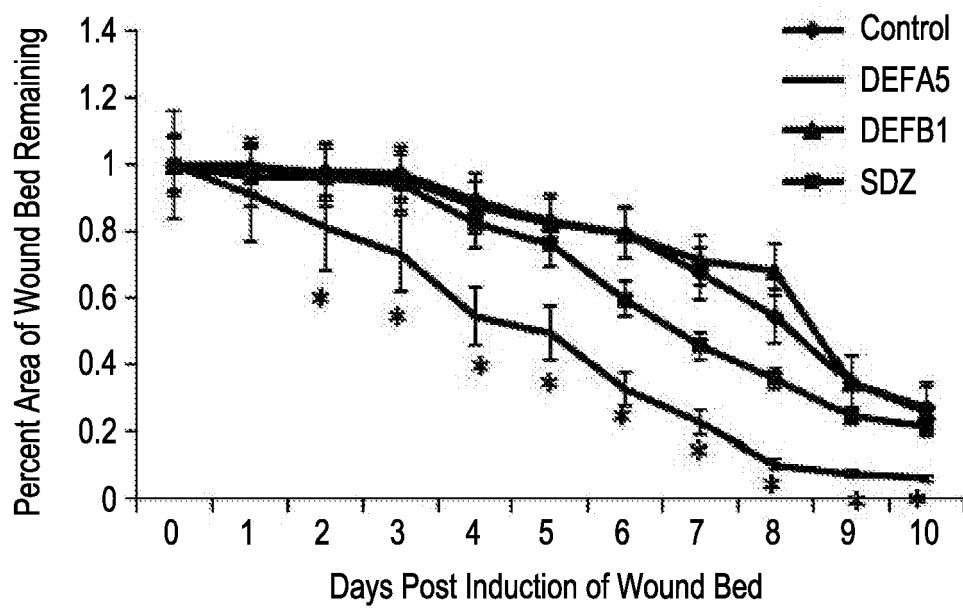


FIG. 10B

FIG. 10C



FIG. 10D



FIG. 10E



FIG. 10G

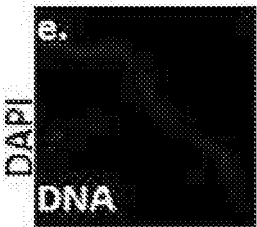


FIG. 10H



FIG. 10I

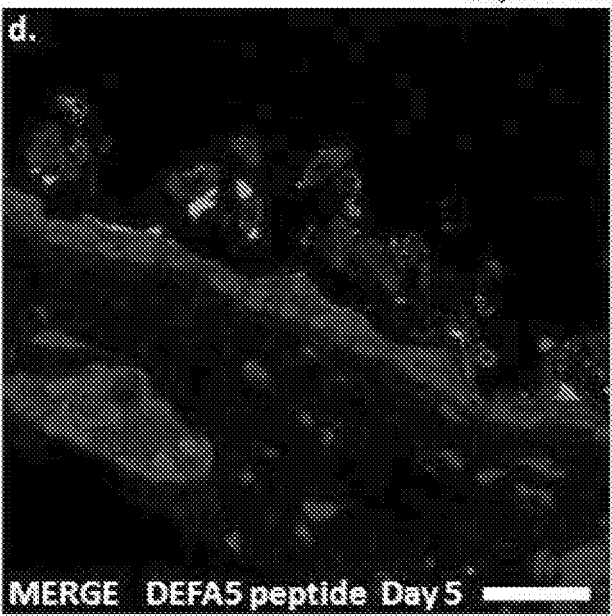


FIG. 10F

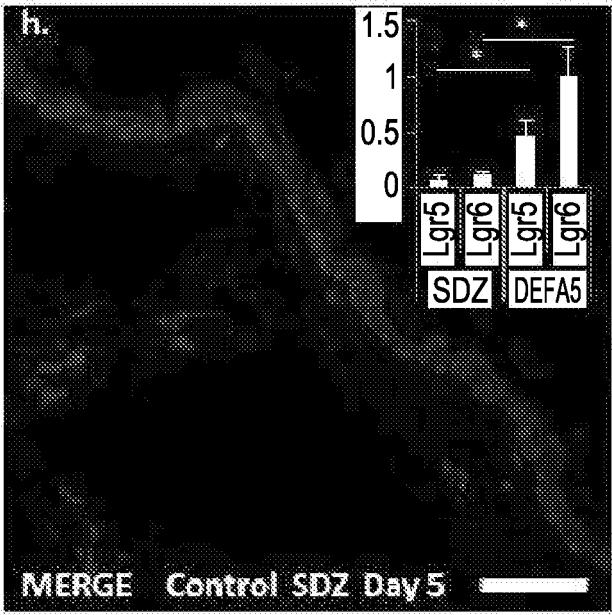


FIG. 10J

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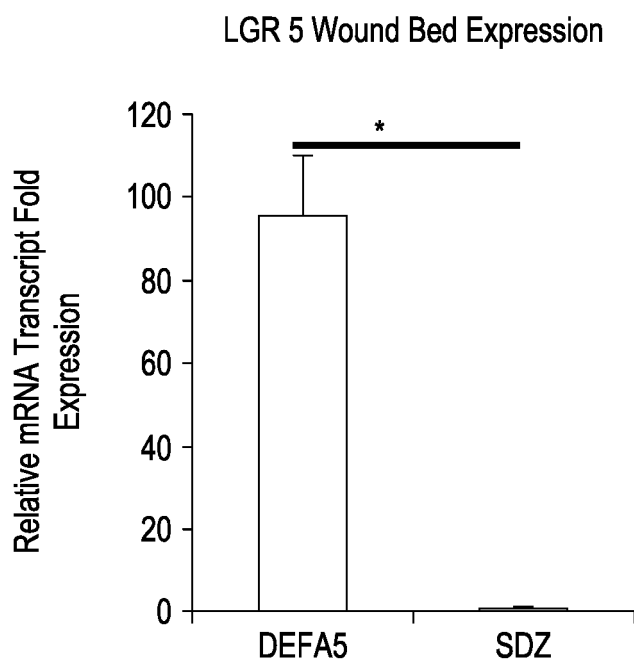


FIG. 10K

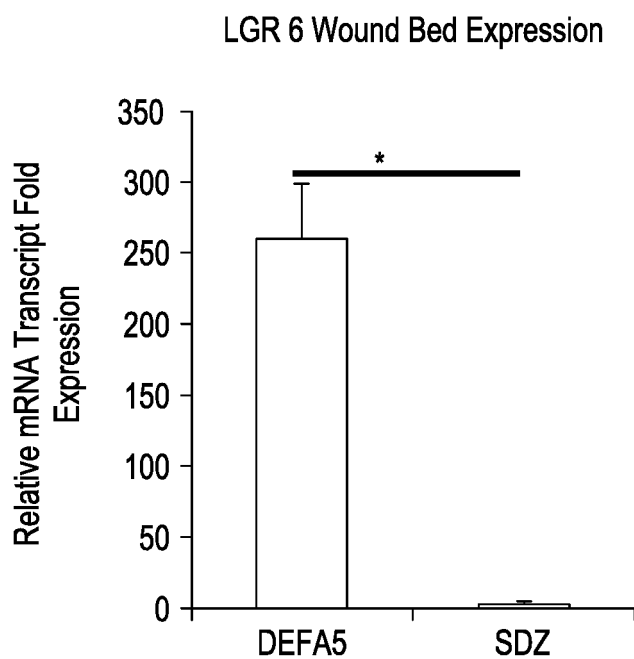
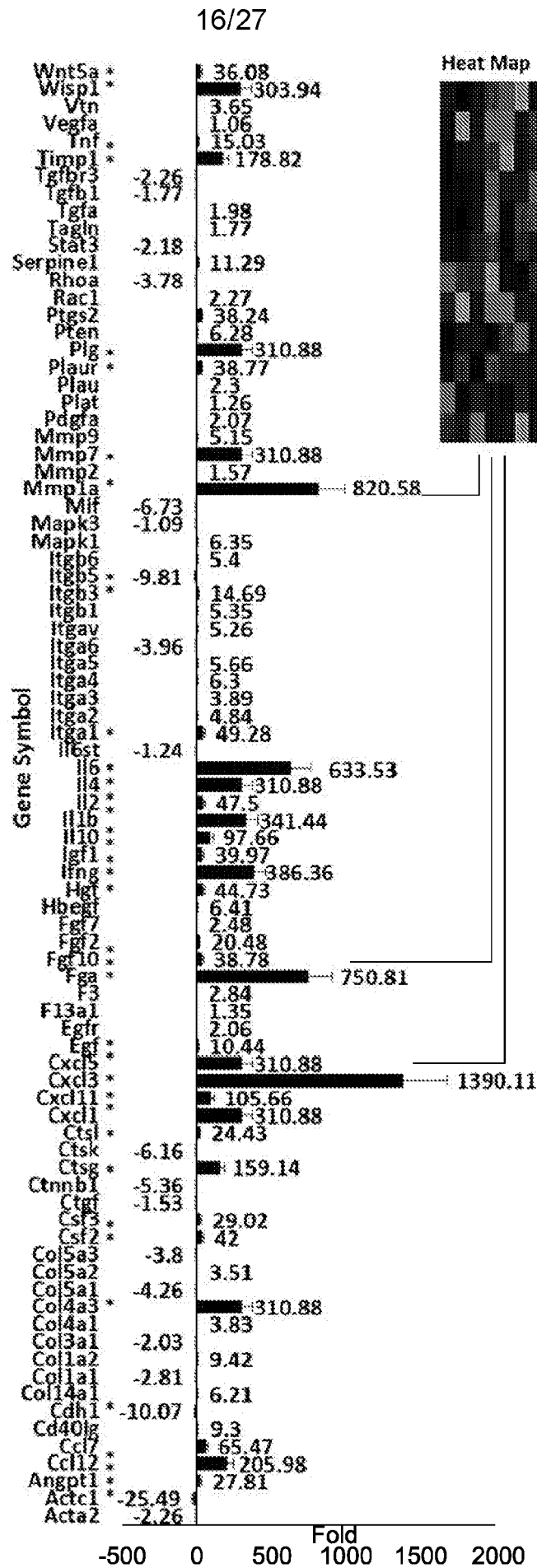
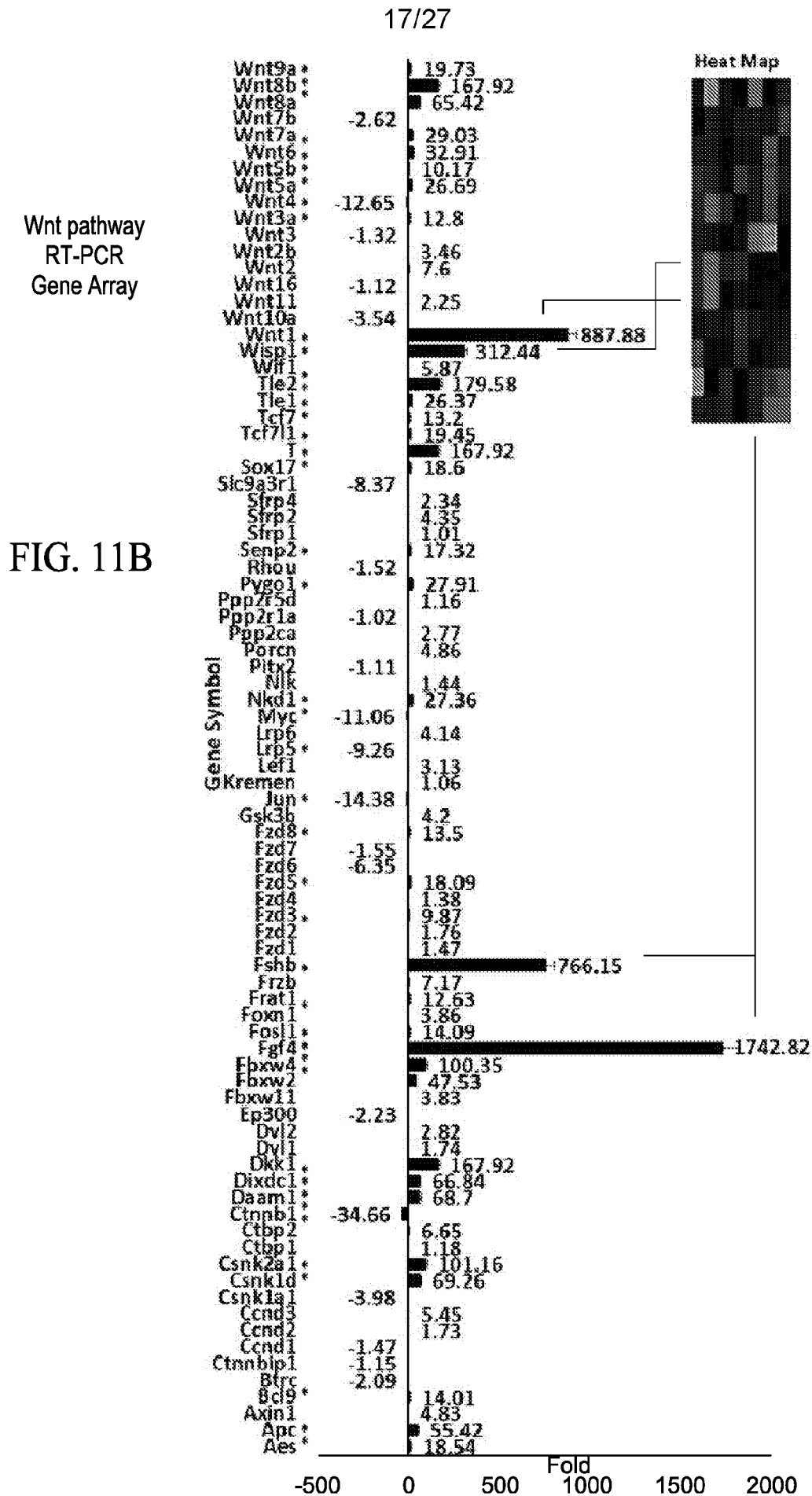


FIG. 10L

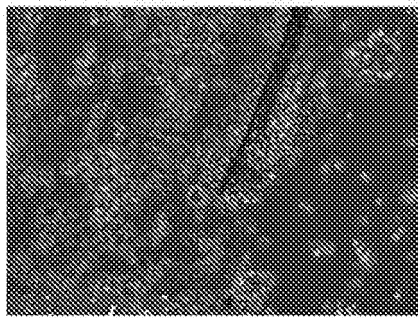
Wound Healing
RT-PCR
Gene Array

FIG. 11A





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DIC, Lgr6/FITC
FIG. 12A

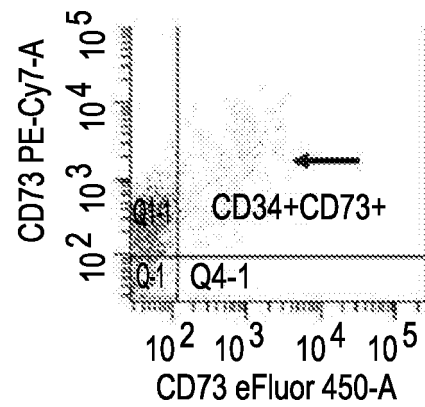
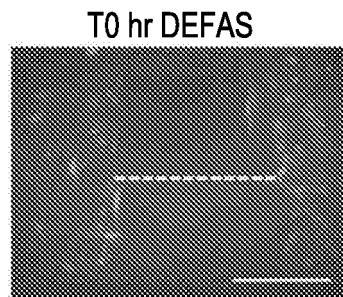
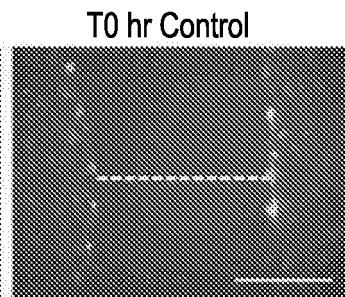


FIG. 12B



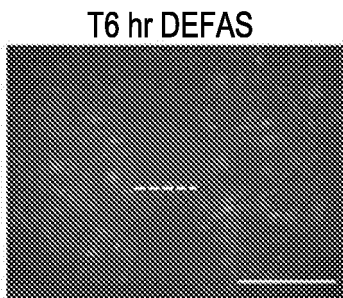
GFP+Lgr6,CD34,CD73

FIG. 12C



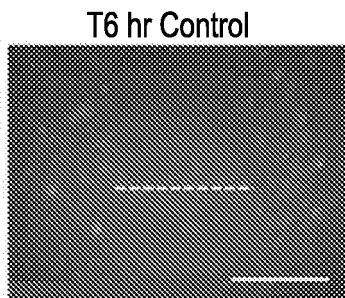
GFP+Lgr6,CD34,CD73

FIG. 12D



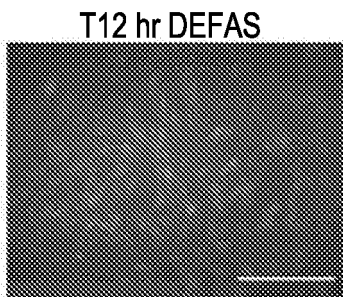
GFP+Lgr6,CD34,CD73

FIG. 12E



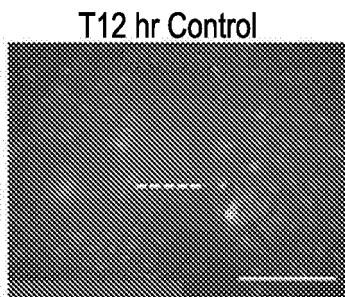
GFP+Lgr6,CD34,CD73

FIG. 12F



GFP+Lgr6,CD34,CD73

FIG. 12G



GFP+Lgr6,CD34,CD73

FIG. 12H

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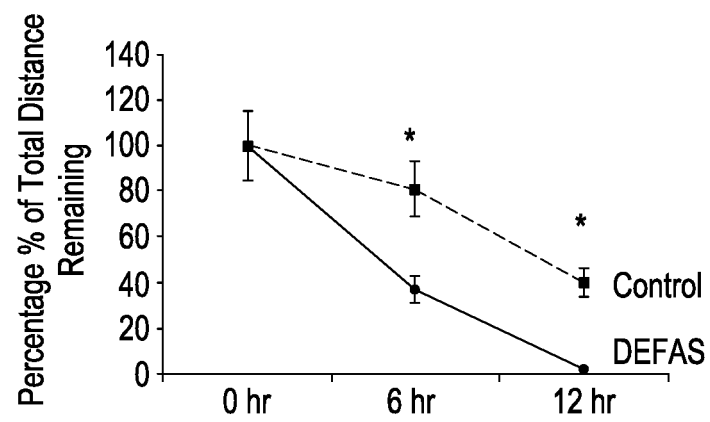


FIG. 12I

FIG. 13A FIG. 13B

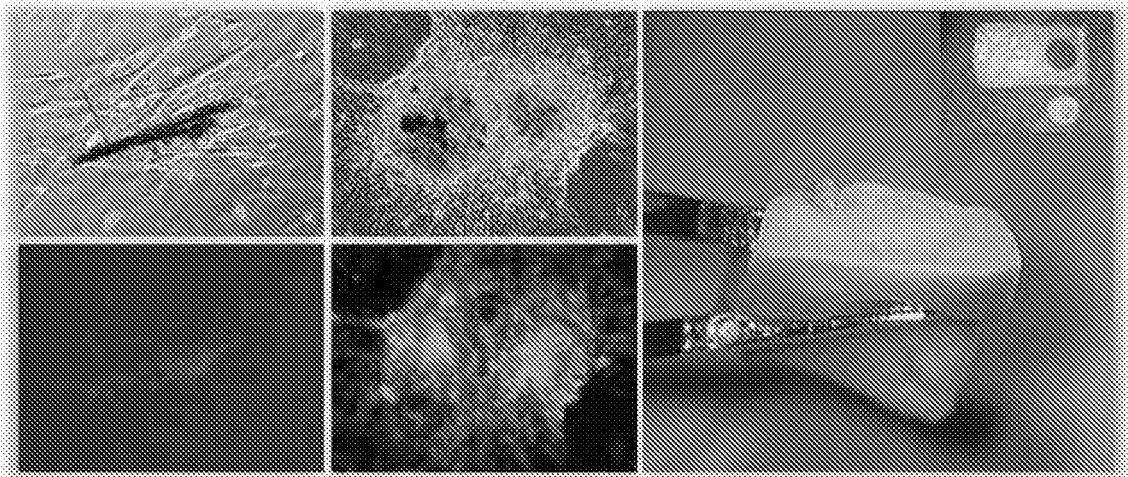
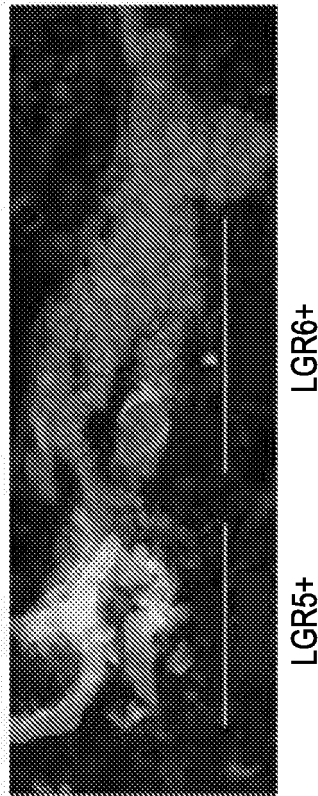


FIG. 13C FIG. 13D FIG. 13E

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FIG. 14A



Final Sort Gate

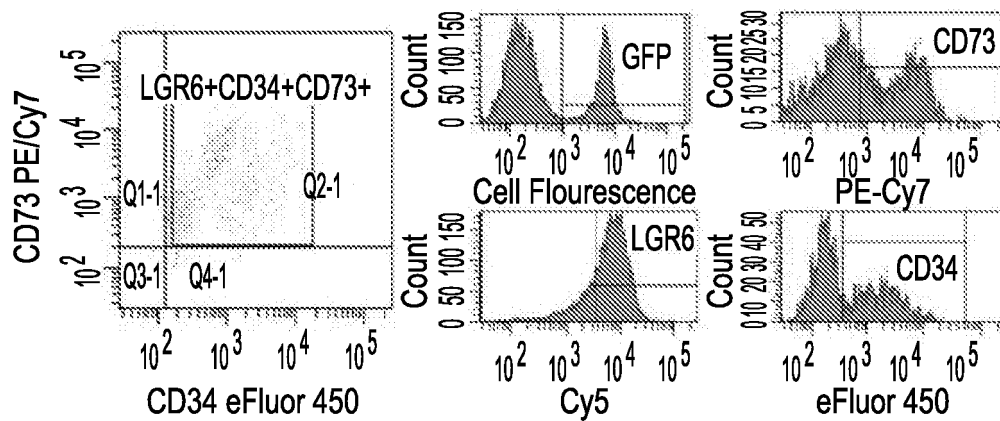
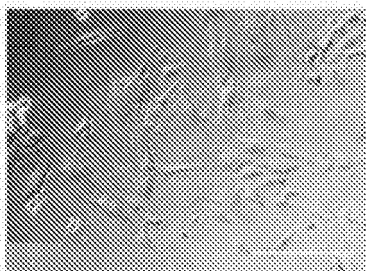
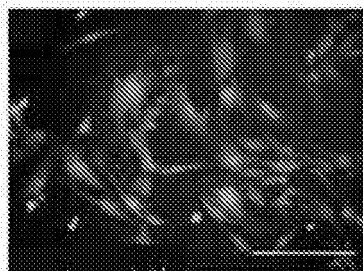


FIG. 14B



DIC



LGR6 +GFP ESC



Merge

FIG. 14C

FIG. 14D

FIG. 14E

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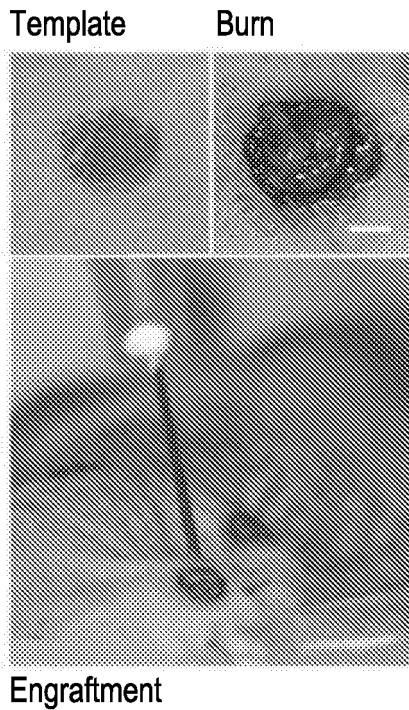
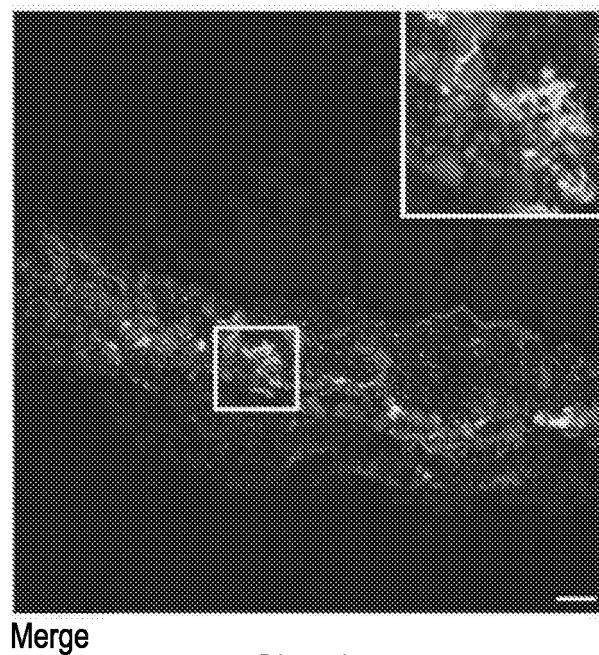
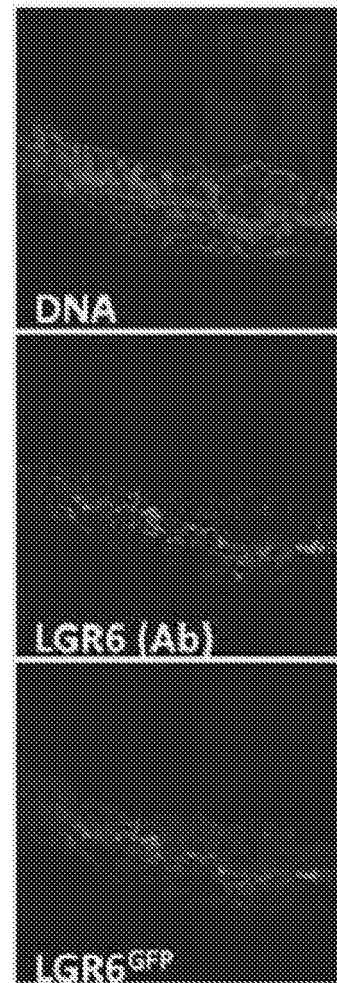


FIG. 15A

FIG. 15B

FIG. 15C

FIG. 15D



Merge

FIG. 15E

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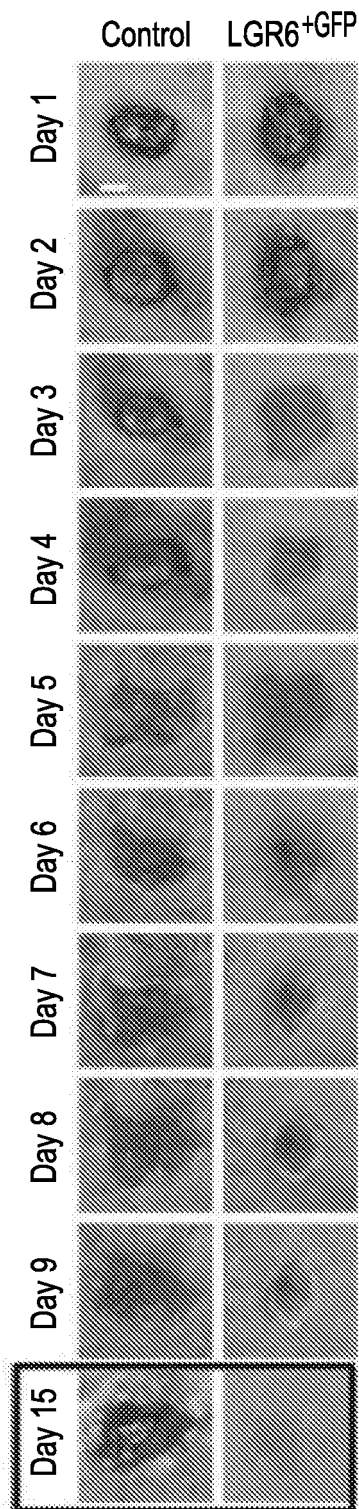


FIG. 16A

FIG. 16B

Day 15 Implant Pocket



FIG. 16C

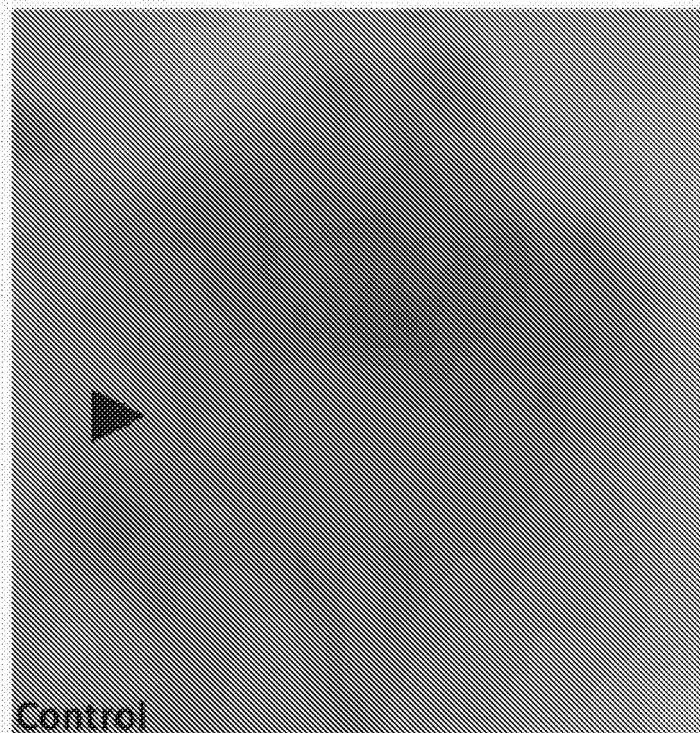


FIG. 16D

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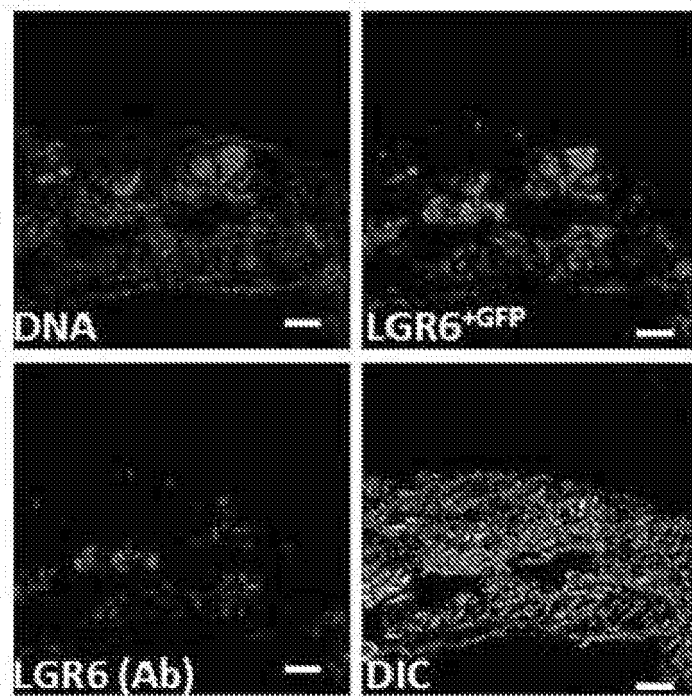


FIG. 17A

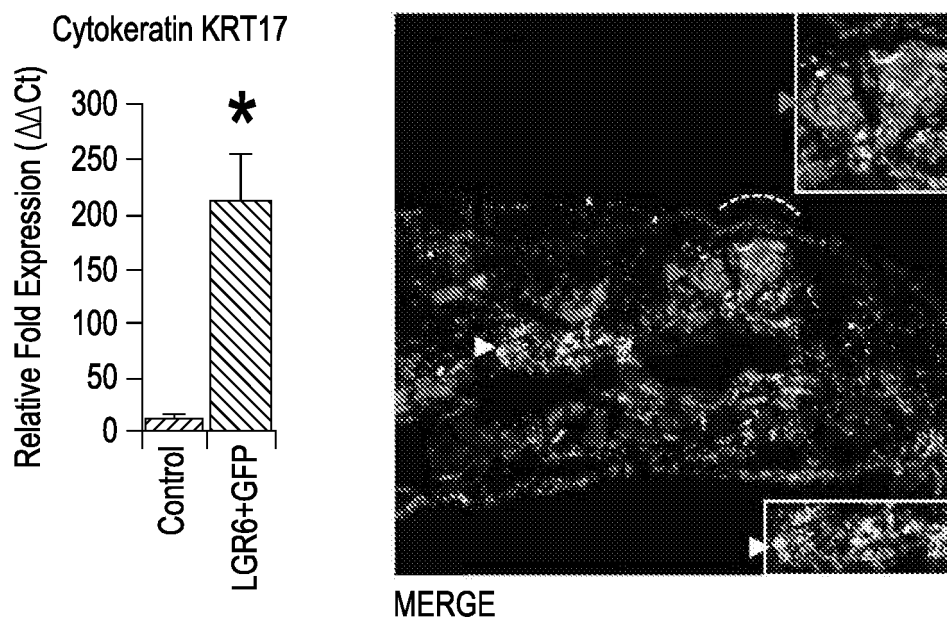


FIG. 17B

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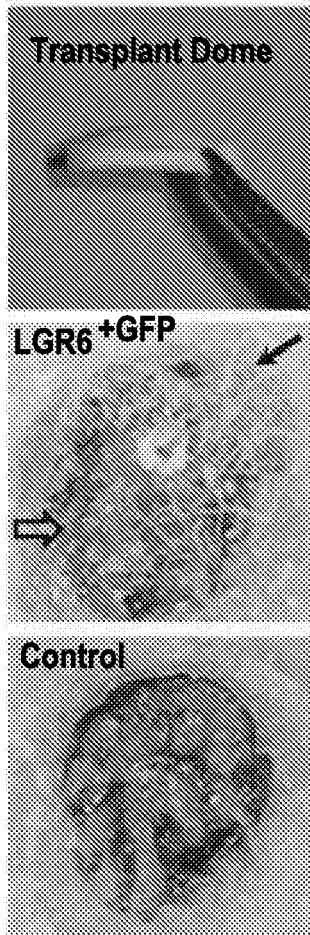


FIG. 17C

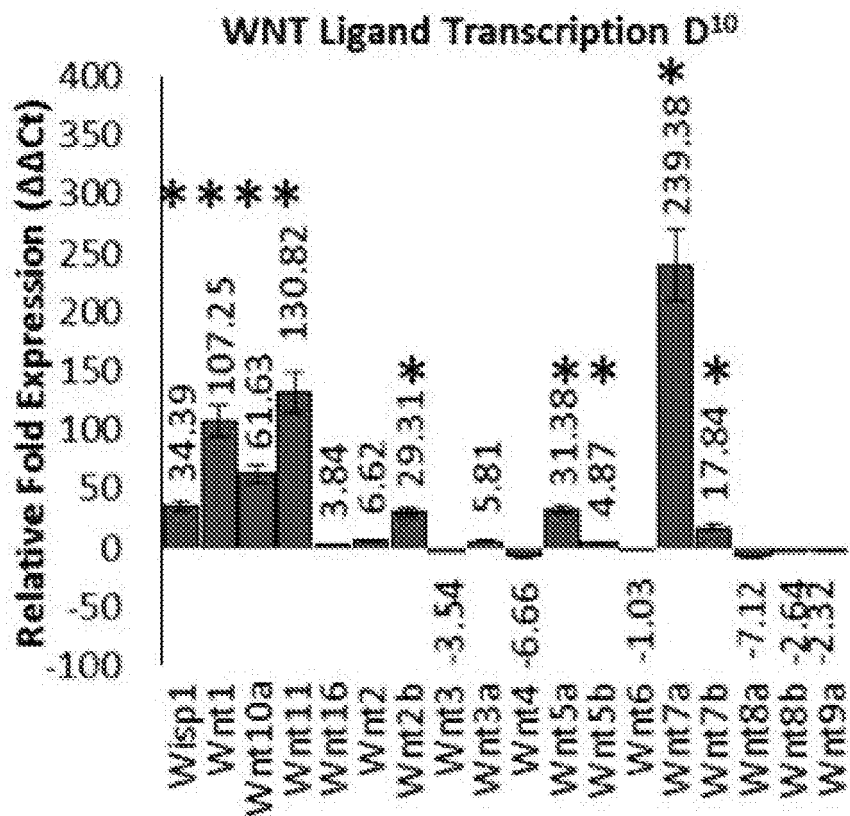


FIG. 17D

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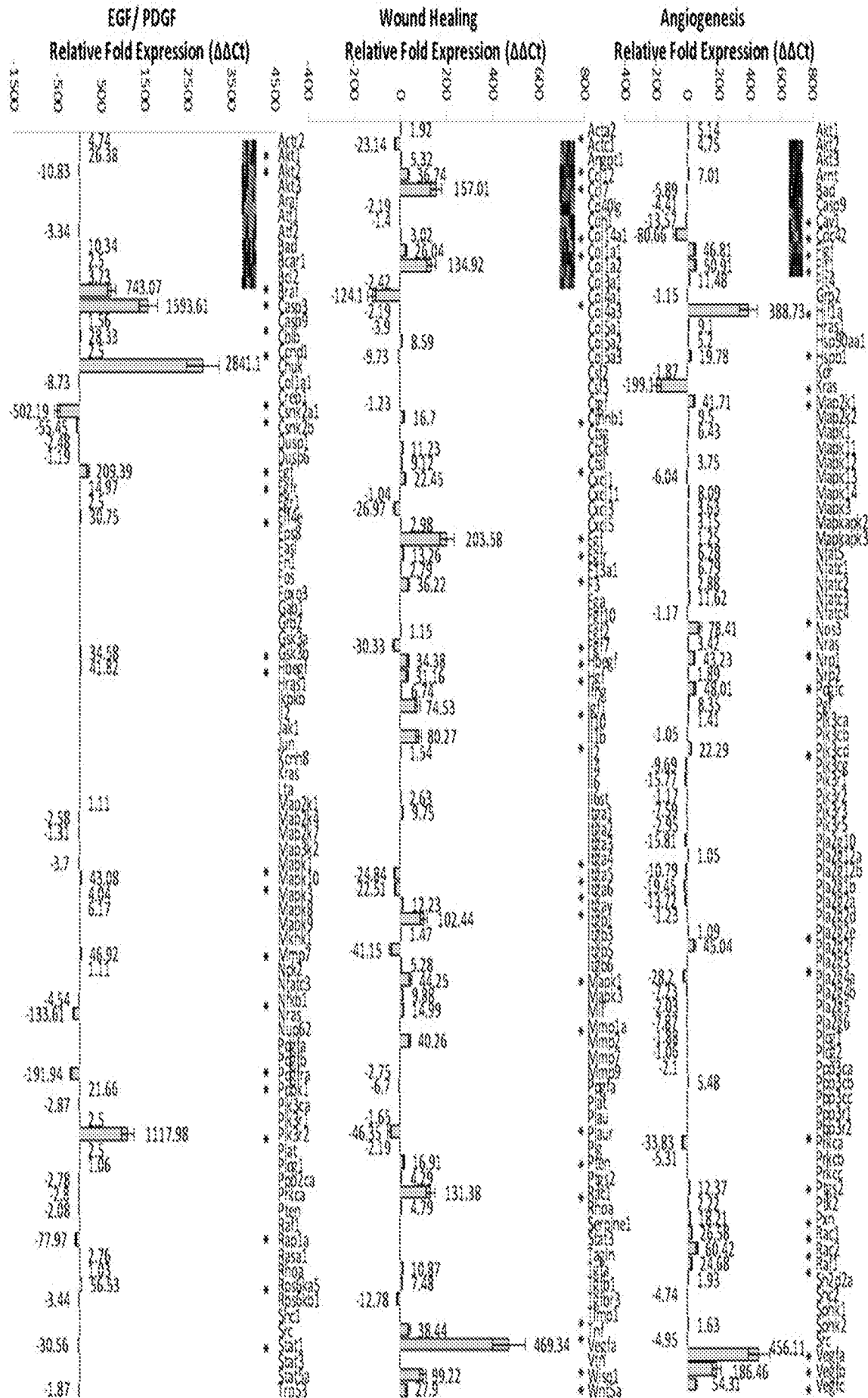
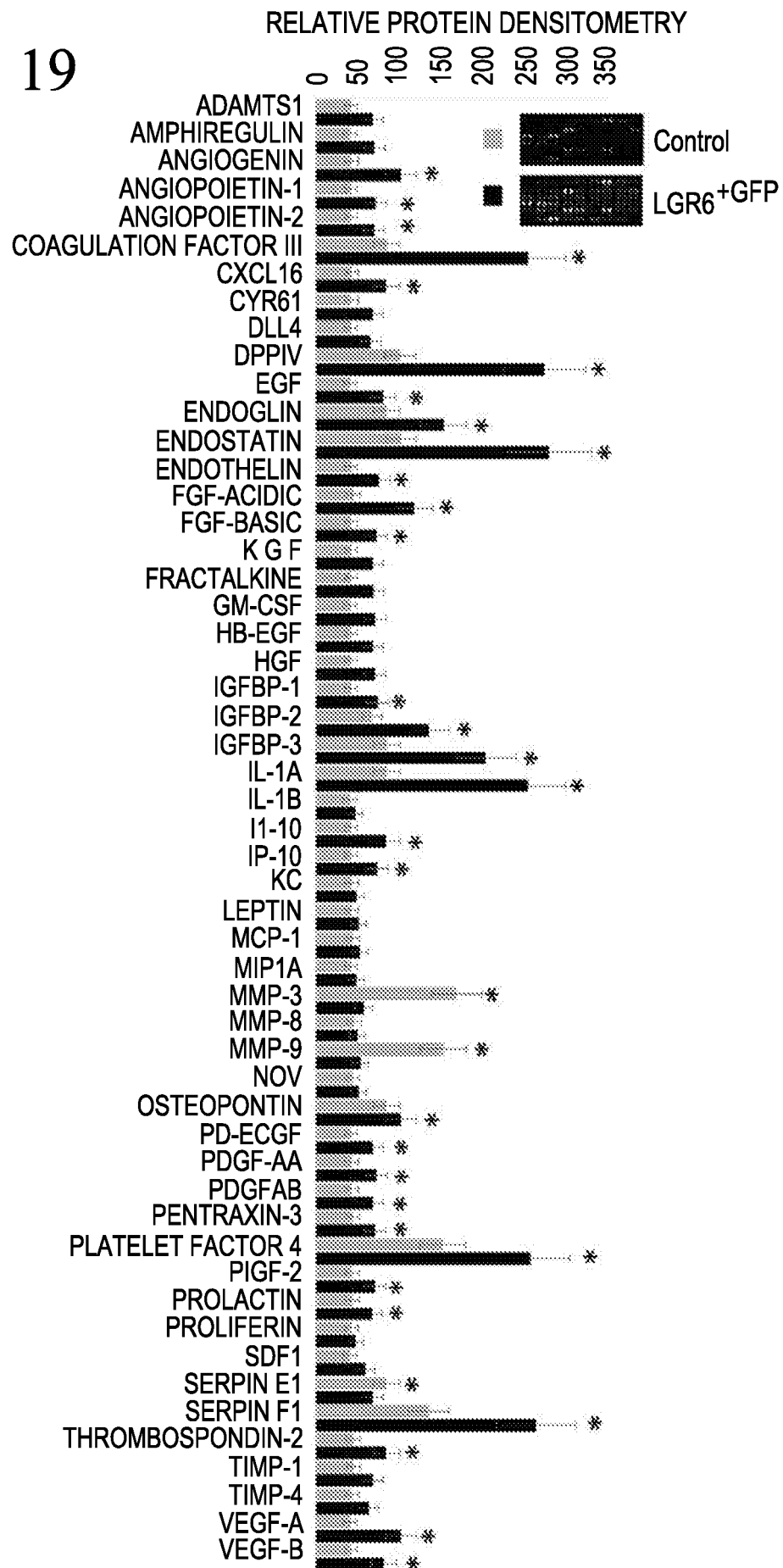


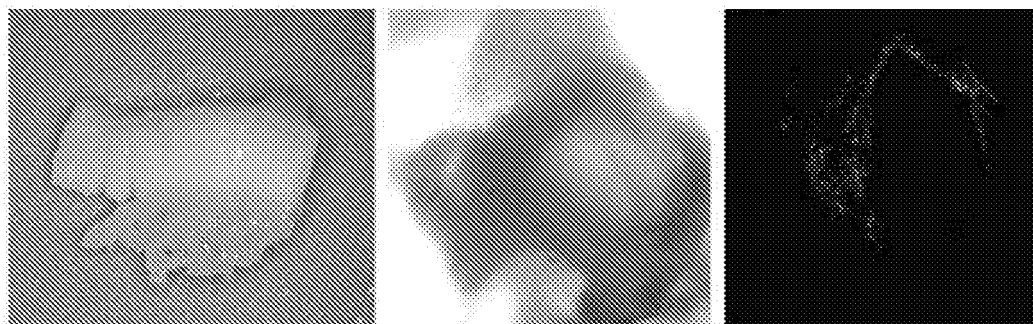
FIG. 18

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FIG. 19



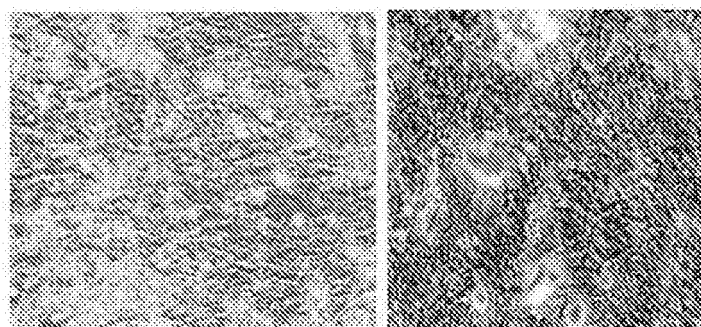
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Gross Bone
FIG. 20A

DIC Bone
FIG. 20B

LGR6 +GFP
FIG. 20C



DIC Bone
FIG. 20D

Alizarin Red
FIG. 20E

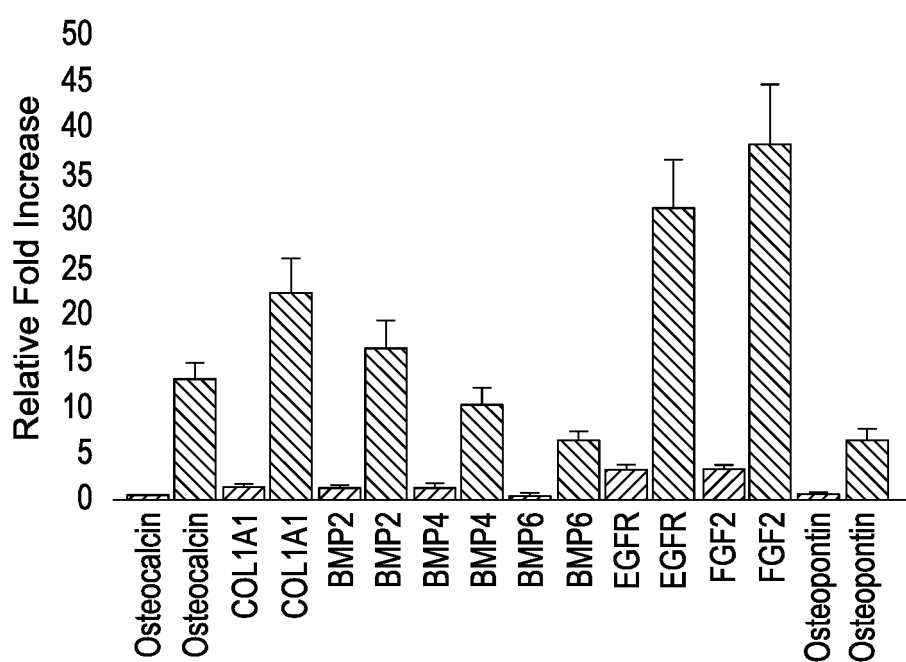


FIG. 20F