# Resource Identification Initiative

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| **REAGENT or RESOURCE** | **SOURCE** | **RRID or CATALOGUE NUMBER** |
| Anti Human CD45-PE | Thermo Fisher Scientific | Cat# 12-0459-42, RRID: AB\_1724079 |
| Anti Human CD11b-PE | Biolegend | Cat# 301306, RRID: AB\_314158 |
| Anti-Human CD235a - PE | Thermo Fisher Scientific | Cat# 12-9987-82, RRID: AB\_466300 |
| Anti-Human PDGFRα-PE | BD Biosciences | Cat# 556002,RRID:AB\_396286 |
| Anti-Human CD73 | BD Biosciences | Cat# 550257, RRID:AB\_393561 |
| Anti-Human CD31 (PECAM-1)-PE | Thermo Fisher Scientific | Cat# 12-0319-42,RRID: RRID:AB\_10669160 |
| Dead Cell Stain Kit | Thermo Fisher Scientific | Cat# L34975, |
| Anti-Mouse CD31 (MEC 13.3) | BD Biosciences | Cat# 553370,  RRID: AB\_394816 |
| Anti-Mouse Laminin  | Sigma-Aldrich | Cat# L9393,RRID:AB\_477163 |
| Lamin A/C Monoclonal Antibody (mab636) | Thermo Fisher Scientific | Cat# MA3-1000,RRID:AB\_325377 |
| Anti-Rat Alexa fluor 488 | Fisher Scientific  | Cat# A11006, RRID:AB\_2534074 |
| Anti-Rabbit Alexa Fluor 647 | Fisher Scientific | Cat# A21245,AB\_2535813 |
| Anti-Mouse IgG2b Fluor 568 | Fisher Scientific | Cat# A21144,RRID:AB\_2535780 |
| DMEM/F-12, HEPES medium | Thermo Fisher Scientific | Cat# 11330032 |
| DPBS | Gibco | Cat#14190-136 |
| Collagenase, Type 2 (Collagenase II)  | Worthington-Biochem | Cat# LS004177 |
| Dispase II | Thermo Fisher Scientific | Cat# 17105041 |
| Amphotericin B | Thermo Fisher Scientific  | Cat# 15290018 |
| Fetal bovine serum (FBS) | Thermo Fisher Scientific  | Cat# 16000044 |
| SkGM-2 Skeletal Muscle Cell Growth Medium-2 BulletKit | Lonza | Cat# CC-3245 |
| TrypLE Express | Thermo Fisher Scientific  | Cat# 12605010 |
| Human bFGF | Proteintech | Cat# HZ-1285 |
| Hank’s Buffered Salt Solution | Thermo Fisher Scientific  | Cat# 14175095 |
| Matrigel  | Corning | Cat#354277 |
| SkGM™-2 Skeletal Muscle Cell Growth Medium-2 BulletKit™ | Lonza | Cat#CC-3245 |
| AO/PI | Nexcelom |  |
| Silk Suture, Size 6-0 | Fisher Scientific  | Cat#50-118-0809 |
| Ethicon Vicryl Suture, absorbable, Size 5-0 | Fisher Scientific | Cat#NC9335902 |
| 32 G femoral artery catheter-Mouse (Recathco) | Fisher Scientific | Cat#50-196-383 |
| Butterfly Needles | SAI infusion technologies | Sku#BFL-24 |
| Disposable Hypodermic Needles (30G) (Exel) | Fisher Scientific | Cat#14-841-03 |
| High Temperature Cautery Kit | Fine Science Tools | Cat#18010-00 |
| **Biological samples** |  |  |
| Human muscle tissues of fetal week 17/18 | University of California Los Angeles (UCLA) Center for AIDS Research (CFAR) Gene and Cellular Therapy Core and Advanced Bioscience Material  | N/A |
| **Experimental models: Organisms/strains** |
| C57Bl/6-NSG (wt-NSG) | N/A | N/A |
| mdx-NSG | N/A | N/A |
| mdxD2-NSG | N/A | N/A |
| **Software** |
| Zen 2.6 (blue edition) | Carl Zeiss Microscopy |  |
| IMARIS Version 9.6 | OXFORD Instruments | <http://www.bitplane.com/imaris/imaris> |
| Prism 9.1.1 | GraphPad | [https://www.graphpad.com](https://www.graphpad.com/) |