|  |  |  |
| --- | --- | --- |
| Associated Phenotypic Trait | Gene | Accession Number |
| Bill size | *ALX1* | XM\_063155917.1 |
| Bill size | *CCDC149* | XM\_063157733.1 |
| Bill size | *DLK1* | XM\_063159381.1 |
| Bill size | *HMGA2* | XM\_063155119.1 |
| Bill size | *LGI2* | XM\_063157734.1 |
| Body size | *AFAP1* | XM\_063157562.1 |
| Body size | *LAP3* | XM\_063157687.1 |
| Body size | *LCORL* | XM\_063157703.1 |
| Body size | *QDPR* | XM\_063158102.1 |
| Body size | *SLIT2* | XM\_063157711.1 |
| Body size | *WAPL* | XM\_063163992.1 |
| Dispersal | *KCTD21* | XM\_063148726.1 |
| Dispersal | *SLC2A1* | XM\_063176803.1 |
| Dispersal | *TGFB2* | XM\_063152222.1 |
| Migration | *CLOCK* | XM\_063157256.1 |
| Migration | *CREB1* | XM\_063162355.1 |
| Migration | *CRY1* | XM\_063154387.1 |
| Migration | *CRY2* | XM\_063159016.1 |
| Migration | *NPAS3* | XM\_063160389.1 |
| Migration | *PER2* | XM\_063166512.1 |
| Migration | *PER3* | XM\_063177061.1 |
| Migration | *YPEL1* | XM\_063173369.1 |
| Plumage color-carotenoid | *APOD1* | XM\_063166976.1 |
| Plumage color-carotenoid | *BCO1* | XM\_063168075.1 |
| Plumage color-carotenoid | *BCO2* | XM\_063178621.1 |
| Plumage color-carotenoid | *CD36* | XM\_063155614.1 |
| Plumage color-carotenoid | *HPS5* | XM\_063158592.1 |
| Plumage color-carotenoid | *STARD3* | XM\_063179094.1 |
| Plumage color- melanin | *AGRP* | XM\_063167565.1 |
| Plumage color- melanin | *ASIP* | XM\_063172145.1 |
| Plumage color- melanin | *MC1R* | XM\_063168224.1 |
| Plumage color- melanin | *MITF* | XM\_063165013.1 |
| Plumage color- melanin | *PCSK2* | XM\_063152273.1 |
| Plumage color- melanin | *TYR* | XM\_063150455.1 |
| Salt tolerance | *MMP17* | XM\_063173281.1 |
| Salt tolerance | *MYOF* | XM\_063163500.1 |
| Salt tolerance | *WNK2* | XM\_063181827.1 |